ASWC

Axxess Steering Wheel Control Interface

Installation Manual

The ASWC is a universal steering wheel control interface that can be used on most any vehicle with steering wheel controls. Designed to be used with today's top aftermarket radio manufactures like Pioneer, Sony, Alpine, Kenwood, Eclipse, JVC, and others, the ASWC is all you'll need to retain the OEM steering wheel controls. The ASWC has the ability to auto-detect many vehicle makes and aftermarket radios and it will preset the steering wheel controls to the aftermarket radio automatically so no programming is required. If desired the ASWC can be manually programmed so the user can make the steering wheel controls function they way they want them to, only limited by the functions of the aftermarket radio. The ASWC also has a non-volatile memory which means the ASWC will remember the programming even if the ASWC is disconnected from the vehicle.

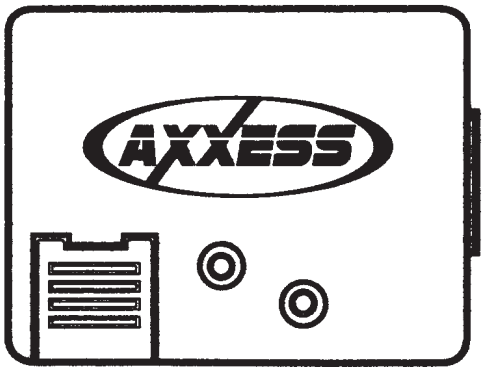
The ASWC is also updatable using the Axxess website (www.axxessinterface.com) and the USB-CAB update cable. If there is an update made to the ASWC there is no need to send inventory back, or ask for the latest version, you can update it yourself and save time and money.

US Pat. No. 8014920

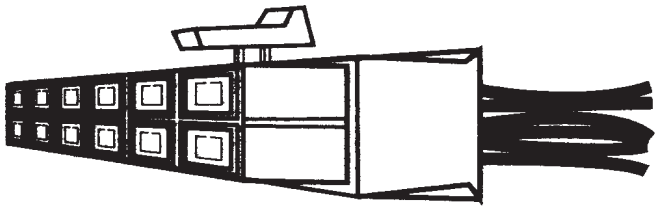
What's included in the package?

A) ASWC Interface
B) 12 pin harness with male 3.5mm connector
C) Female 3.5mm connector with Brown and Brown/White wires

A



B



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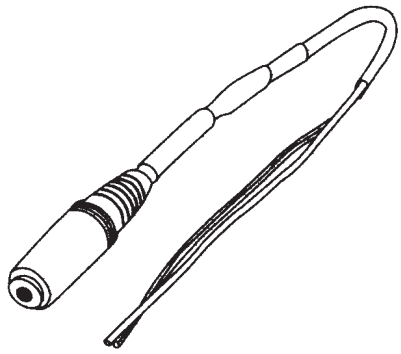


What you need to know before you begin:

1) Make sure you know the correct year, make, and model of your vehicle.

2) Make sure the radio you are installing is compatible with a steering wheel control interface (Check in owners manual).

3) Go to the Axxess website (www.axxessinterface.com) for a detailed information sheet on what color(s) the steering wheel control wires will be in your vehicle, the location, what wire(s) to use on the ASWC, and what, if any, programming is required. Print or write the information down so you have it in the vehicle during the install.

Note: Though we have done extensive research and testing verifying the steering wheel control wire colors of the vehicle we list are correct, it is still your responsibility to verify the steering wheel control wires with a multimeter. If you find a discrepancy please notify our Tech Department at 1-800-253-TECH.

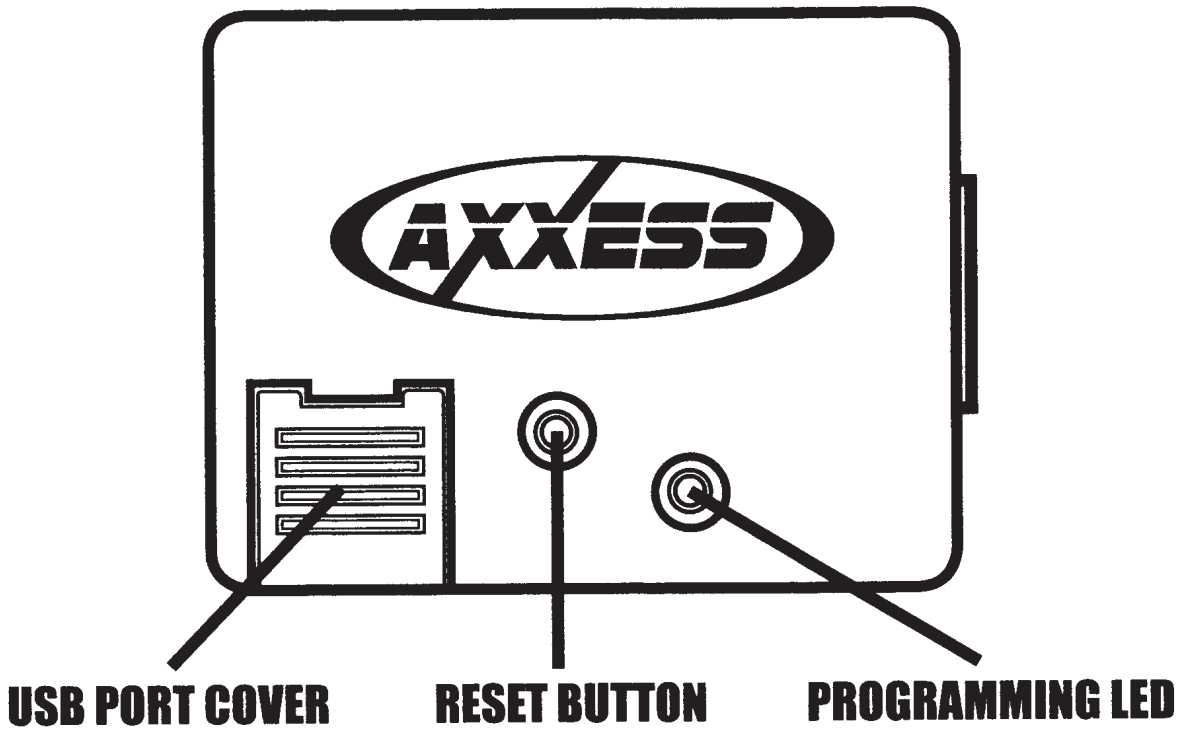
A brief overview of the ASWC interface and wire harness:

On the top of the ASWC interface there are three points of interest:

1) The Programming led – this will flash rapidly when in auto detect mode, flashes slowly in manual programming mode.

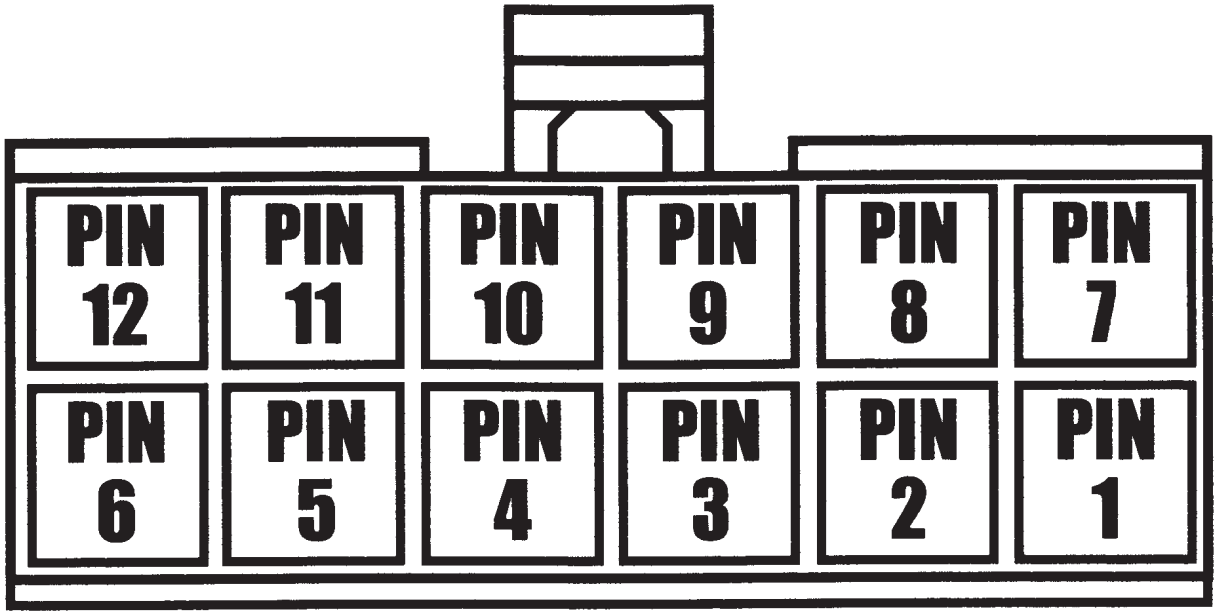
2) The Reset button – Hold down button more then 2 seconds but less then 10 seconds to start auto detect mode; hold down longer then 10 seconds to start manual programming mode.

3) The slide cover for the USB update port – open this up to reveal the USB update port. Using the USB-CAB update cable and the Axxess website you can make sure you always have the latest, updated inventory.



Below are the wire colors of the ASWC. Please go to the Axxess website (www.axxessinterface.com) for detailed information on your specific vehicle and what color wire(s) to use on the ASWC.

Pin 1 – Pink
Pin 2 – White/Green
Pin 3 – Orange/Green
Pin 4 – Green/Orange
Pin 5 – Gray/Red
Pin 6 – Black
Pin 7 – Blue/Pink
Pin 8 – Black/Green
Pin 9 – Red (Tip of 3.5mm connector)
Pin 10 – Whie (Ring of 3.5mm connector)
Pin 11 – Gray/Blue
Pin 12 – Red



The Installation

Once you have collected the information or printed out the information sheet on your particular vehicle from the Axxess website (www.axxessinterface.com) you're ready to install the ASWC.

So here we go:

1) Connect the Black wire of the ASWC (pin 6) to ground. You may use the same grounding point as the aftermarket radio.

2) Connect the Red wire of the ASWC (pin 12) to a 12 volt accessory wire, one that turns on and off with the ignition key.

3) Locate the correct SWC wire(s) in the vehicles radio or secondary harness as described in the vehicle information sheet found in the Axxess website. Connect the correct wire color(s) from the ASWC to the vehicles steering wheel control wire(s) in the vehicle.

We recommend that the wires are soldered for the best and most secure connection. T-Taps are not recommended due to the higher chance of an intermitted connection.

4) If you are using an Eclipse or Kenwood radio, plug the female 3.5mm connector with the Brown and Brown/White wires into the male 3.5mm connector of the ASWC harness.

* For Kenwood/JVC's with Blue/Yellow Wire radios:

Connect the Kenwood/JVC SWC wire (normally Blue/Yellow) to the Brown wire of the ASWC. Isolate and tape the Brown/White wire, it will not be used.

* For Eclipse radios:

Connect the Eclipse SWC wires (Normally Brown and Brown/Black) to the Brown and Brown/White wires of the ASWC. Brown goes to Brown and

Brown/White goes to Brown/Black.

5) For all other radios, plug in the male 3.5mm connector of the ASWC into the back of the aftermarket radio, designated for an external SWC control interface. Please refer to the aftermarket radios manual if you are in doubt where the 3.5mm connector of the ASWC goes.

Once all connections have been made, plug in the aftermarket radio if not done already.

Programming the ASWC

The ASWC can be programmed in two ways; it can do it by itself in Auto Detect Mode or it can be manually programmed. We will start with the Auto Detect Mode first:

Auto Detect Mode:

The ASWC has the ability to auto detect certain vehicles and to know what aftermarket radio it is connected to. The vehicle info sheet from the Axxess website (www.axxessinterface.com) will show if your vehicle would be auto detected and what action, if any, is required by you for this process to take place.

For the Auto Detect feature to work there are 3 possible actions, however only one action will be required by you depending on your vehicle:

1) Turn the ignition on and no other action is required.

2) Turn the ignition on, press and hold down the Volume Up button on the steering wheel.

Or

3) Turn the ignition on, press and release the Volume Up button repeatedly on the steering wheel.

Like we said before, only one of these actions will need to be done depending on your vehicle for the auto detect feature to work. Please refer to the vehicle info sheet in the Axxess website.

These are the steps for the Auto Detect Mode:

1) Complete connections to the vehicle and the aftermarket radio.

* If this is the first time the ASWC is being installed in a vehicle:

2) Turn the ignition on; the led will start flashing rapidly which means the ASWC is looking for the vehicle and the radio.

3) Perform action required for your particular vehicle as noted in the vehicle info sheet.

4) After a couple of seconds the led should stop flashing and not light up for 2 seconds.

   At this point do not push any buttons.

5) After the 2 seconds there will be a series of 7 flashes, some short and some long. Make a note of which flashes were long for this may be needed later.

6) The led will pause for another 2 seconds then flash up to 10 times. Again make a note of how many flashes.

7) This is the end of the auto detection stage. If the ASWC detected the vehicle and the radio successfully the led will light up solid red.

8) Make sure the steering wheel control buttons function correctly in the vehicle and enjoy your radio.

So what if the led does not light up solid red? Check out troubleshooting section below.

* If the ASWC was installed in a vehicle before:

2) Turn the ignition on, the led will flash slowly.

3) Hold down the reset button for more then 2 seconds but less then 10 seconds, the led will start flashing rapidly.

4) Perform action required for your particular vehicle as noted in the vehicle info sheet.

5) After a couple of seconds the led should stop flashing and not light up for 2 seconds.

   At this point do not push any buttons.

6) After the 2 seconds there will be a series of 7 flashes, some short and some long.

7) The led will pause another 2 seconds then a series of 10 flashes.

8) This is the end of the auto detection stage. If the ASWC detected the vehicle and the radio successfully the led will light up solid red.

9) Make sure the steering wheel control buttons function correctly in the vehicle and enjoy your radio.

So what if the led does not light up solid red or the steering wheel controls is not working correctly with the aftermarket radio?
Check out troubleshooting section right below.

Troubleshooting the Auto Detect Mode

So you tried the auto detect feature and at the end the led did not stay on solid red, it started flashing. That means the ASWC did not detect the vehicle. Follow these couple steps to determine what happened:

First some basic steps:

1) Verify that you have 12 volt accessory and a good ground to the ASWC.

2) Verify with the vehicle information sheet on the Axxess website that you connected the correct steering wheel control wires in the vehicle to the correct wire(s) on the ASWC.

3) Verify that the 3.5mm connector is connected to your radio securely and in the correct location.

4) If using the female 3.5mm connector on an Eclipse or Kenwood radio, verify that the radio's SWC wire is connected to the correct wire on the ASWC.

Once all the information above has been verified and correct, refer back to the 2 sets of led flashes during the auto detect sequence. Here is what the flashes stand for:

LED Feedback

The 1st series of led flashes represent the wire(s) that are connected to the vehicle from the ASWC.

Short flashes represent the steering wheel control wire(s) that are not connected to the vehicle from the ASWC.

Long flashes represent the wire(s) that are connected to the vehicle.

1st led flash is pin #2 (White/Green) on the ASWC

2nd led flash is pin #3 (Orange/Green) on the ASWC

3rd led flash is pin #4 (Green/Orange) on the ASWC

4th led flash is pin #5 (Gray/Red) on the ASWC

5th led flash is pin #8 (Black/Green) on the ASWC

6th led flash is pin #11 (Gray/Blue) on the ASWC

7th led flash is pin #1 (Pink) on the ASWC

If during the auto detect sequence there was no long led flash, just short ones, the ASWC was not connected to the correct wire in the vehicle or the incorrect wire was used on the ASWC. Double check connections and the vehicle information sheet to verify that you have the correct wires connected.

The 2nd set of led flashes represents what brand radio the ASWC believes it is connected to. Each flash is for a different radio manufacturer.

1st led flash is for Eclipse
2nd led flash is for Kenwood
3rd led flash is for Clarion
4th led flash is for Sony and Dual
5th led flash is for JVC
6th led flash is for Pioneer and Jensen
7th led flash is for Alpine*
8th led flash is for Visteon
9th led flash is for Valor
10th led flash is for Clarion 5V

* Note: If the ASWC flashes 7 times and you do not have an Alpine radio connected to it that means that the ASWC did not see any radio connected. Verify the 3.5mm connector is connected to the SWC input on the radio.

Manual Programming/SWC Button Reassignment:

If your vehicle is not listed for auto detection by the ASWC on the Axxess website most vehicles can still be manually programmed to the ASWC by following these steps:

* Note: Not every radio will have all the possible swc commands on the steering wheel. Aftermarket radios that do not have Bluetooth will not recognize the PTT (Push To Talk) or On Hook / Off Hook commands, however those buttons can be manually programmed to do other commands. Please refer to the radios owners' manual or wireless remote for specific commands the radio will recognize.

1) Complete connections to the vehicle and the aftermarket radio, making sure the 3.5mm connector is connected.

* If this is the first time the ASWC is being installed in a vehicle:

2) Turn the ignition on; the led will start flashing rapidly.

3) After 10 seconds the ASWC will go into the LED feedback mode. After the series of led flashes the led will stay in a slow constant flash state.

Or

* If the ASWC has been in a vehicle before:

2) Press and hold the reset button down for more then 10 seconds.

3) After the 10 seconds the led will begin a slow constant flash.

4) At this point press and hold the Volume Up button on the steering wheel for 7 seconds until the led goes solid red. Now release the Volume Up button and the led goes off. Volume Up has now been programmed.

5) Now press and hold the Volume Down button until the led goes solid red. Release the Volume Down button and the led goes off. Volume Down has now been programmed.

6) At this point press and hold the next button on the steering wheel that corresponds with the programming list (see below). The chart below shows in what order the steering wheel control buttons need to be programmed in.

If the next function on the list is not on the steering wheel press and hold the Volume Up button for 1 second till the led comes on then release the button. This tells the ASWC that the function is not available and moves on to the next function.

1. Volume Up
2. Volume Down
3. Seek Up/Next
4. Seek Down/Prev
5. Source/Mode
6. Mute
7. Preset Up
8. Preset Down
9. Power
10. Band
11. Play/Enter
12. PTT (Push To Talk)
13. On Hook
14. Off Hook
15. Fan Up
16. Fan Down
17. Temp Up
18. Temp Down

* Note: Remember not all radios will have all these commands. Please refer to the radios' owners manual for specific commands recognized by the radio.

7) You can end this half of the programming in 2 ways:

1) After the last button is programmed on your steering wheel (you do not have to go through the whole list), hold down the Volume Up button for at least 10 seconds. The led will go into the slow constant blink mode.

Or

2) After the 18th button is programmed or skipped the led will go back to the slow constant blink mode.

* If at any time you get lost or mess up hold down the reset button on the ASWC for more then 10 seconds. This will restart the manual programming. Go back to step #4 and start again.

At this point you will now be in the Radio Identification mode.

8) Press and hold the Volume Down button for 5 seconds till the led starts to flash quickly.

9) Release the Volume Down button.

10) After 4 seconds of the led flashing quickly the led will go out for 2 seconds.

11) Then the led will flash, up to 10 times, depending on what radio the ASWC thinks it's connected to.

Here are the led blinks and which radio they represent:

1st led flash is for Eclipse
2nd led flash is for Kenwood
3rd led flash is for Clarion
4th led flash is for Sony and Dual
5th led flash is for JVC
6th led flash is for Pioneer and Jensen

7th led flash is for Alpine*
8th led flash is for Visteon
9th led flash is for Valor
10th led flash is for Clarion 5V

* Note: If the ASWC flashes 7 times and you do not have an Alpine radio connected to it that means that the ASWC did not see any radio connected. Verify the 3.5mm connector is connected to the SWC input on the radio.

12) Make sure the number of flashes match what radio you have installed.

13) If the led flashes match the radio then hold down the Volume Down button until the led goes solid red.

14) Programming for the vehicle and the radio is now complete. Test out the steering wheel control functions to make sure it works correctly.

If the led flashes do not match the radio you have connected, you must manually program the ASWC to tell it what radio it is connected to.

1) To manually program the aftermarket radio, press and hold the Volume Up button on the steering wheel control until the led goes solid red, then release Volume Up.

2) At this point Eclipse is programmed.

If you are using an Eclipse radio go to step 3.

If you are using a different radio go to step 4.

3) Press and hold Volume Down for 5 seconds. The led will flash once then go solid red indicating the programming has finished. Go enjoy your radio.

4) If you have a different radio then Eclipse, press the Volume Up button again till the led goes solid red, then release Volume Up. You have now programmed Kenwood.

5) Here is the chart to show how many presses of the Volume Up button is needed for which radio you are trying to program:

1st led flash is for Eclipse
2nd led flash is for Kenwood**
3rd led flash is for Clarion
4th led flash is for Sony and Dual
5th led flash is for JVC
6th led flash is for Pioneer and Jensen
7th led flash is for Alpine*
8th led flash is for Visteon
9th led flash is for Valor
10th led flash is for Clarion 5V

* Note: If the ASWC flashes 7 times and you do not have an Alpine radio connected to it that means that the ASWC did not see any radio connected. Verify the 3.5mm connector is connected to the SWC input on the radio.

** Note: The following four models, DNX9960, DNX7160, DDX896 and DDX418, need a 10k to 12k ohm resistor between the Blue/Yellow of the Kenwood and the Brown wire of the female 3.5 during programming. After programming remove the resistor and reconnect the Blue/Yellow and brown wire.

6) Once the radio manufacturer has been selected hold Volume Down for at least 5 seconds. The led will flash the number of times which radio was selected then the led will remain on to indicate the ASCW has finished programming.

7) Go enjoy your radio.

Remapping the SWC Buttons

Let's say you have the ASWC programmed to your vehicle and your radio and you want to change the button assignment for the steering wheel controls. For instance you would like Seek Up to be Mute.

This process is the same as manually programming the ASWC (please refer to the Manual Programming section) with a couple of notes:

•The ASWC must have detected the vehicle and radio it is attached to before you can remap any buttons.

•You can only start the remapping of the steering wheel controls process

within the first 20 seconds of turning the ignition key on. If you wait longer then the 20 seconds you will have to turn the ignition off then back on again.

•Within the first 20 seconds if any button other then Volume Up or Volume Down is pushed, the remapping process will stop.

•If during the remapping process no button is pushed for 30 seconds the remapping process is aborted and the original settings are reset.

So let's begin the remapping process:

1) Ideally having the ASWC visible is recommended since you can see the led flashes to confirm button recognition.

2) Turning off the radio is recommended.

3) Within the first 20 seconds of turning the ignition on, press and hold down the Volume Up button for at least 25 seconds.

4) The led will light up solid red. Release Volume Up and the led will go out. Volume Up has now been programmed.

5) Follow the list below in order however pushing the steering wheel control button you want for the function below. If you want to skip a command press the Volume Up on the steering wheel, this will tell the ASWC to skip the command and go to the next one.

1. Volume Up
2. Volume Down
3. Seek Up/Next
4. Seek Down/Prev
5. Source/Mode
6. Mute
7. Preset Up
8. Preset Down
9. Power

10. Band
11. Play/Enter
12. PTT (Push To Talk)
13. On Hook
14. Off Hook
15. Fan Up
16. Fan Down
17. Temp Up
18. Temp Down

* **Note:** Remember not all radios will have all these commands. Please refer to the radios' owners manual for specific commands recognized by the radio.

For instance the next command to be mapped is the Volume Down command. Let's say you want the Mode button on your steering wheel to be the Volume Down command. Hold down the Mode button till the led lights up solid red, and then release it. Now your Mode button on the steering wheel is Volume Down.

6) After the last button is programmed on your steering wheel (you do not have to go through the whole list), hold down the Volume Up button for at least 10 seconds then the led will go out.

Or

After the 18th button is programmed or skipped the led will go out and the remapping is completed.

If for any reason after remapping the steering wheel controls you want to go back to the original steering wheel control settings, follow these steps:

1) Within the first 20 seconds of turning the ignition on. Press and hold down the original Volume Down button (not the Volume Down button you just remapped) for at least 25 seconds.

2) The led will turn on then release the Volume Down button and the led will turn off.

3) The original steering wheel control settings will be restored.

KNOWLEDGE IS POWER

Enhance your installation and fabrication skills by enrolling in the most recognized and respected mobile electronics school in our industry. Log onto www.installerinstitute.com or call 800-354-6782 for more information and take steps toward a better tomorrow.

Metra recommends MECP certified technicians.

ASWC-INST10

ASWC - US Pat. No. 8014920

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ASWC

Axxess Steering Wheel Control Interface

Application Chart

NOTE: IF USING AN AXXESS INTERFACE WITH THE ASWC, INITIALIZE THE INTERFACE (CYCLE THE KEY) FIRST BEFORE PLUGGING IN THE ASWC.

MAKE	MODEL	FROM	ACTION REQUIRED FOR THE AUTO-DETECT TO BE SUCESSFUL	PIN MBER(S) USED ON THE ASWC	STEERING WHEEL CONTROL CONNECTOR	VEHICLES 1ST SWC WIRE COLOR	1st SWC WIRE PIN #	VEHICLES 2ND SWC WIRE COLOR	2nd SWC WIRE PIN #	VEHICLES 3rd SWC WIRE COLOR	3rd SWC WIRE PIN #	VEHICLES REFERENCE Gnd WIRE COLOR (CONNECT TO Gnd)	REFERENCE Gnd PIN #	VEHICLES REFERENCE VOLTAGE WIRE COLOR (CONNECT TO 12 VOLT ACCESSORY)	REFERENCE VOLTAGE PIN #
Acura	CI (20 Pin Connector)	1999-03	Auto-Detect	11	1721 Shell	Green/Red	3								
Acura	CI (16 Pin Connector)	1997-99	Auto-Detect	11	1720 Shell	White/Blue	12								
Acura	Legend	1991-95	Auto-Detect	11	Acura 5 Pin	Light Blue	5								
Acura	MDX	2007-09	Auto-Detect	5	Honda 32 Pin	Orange	19					Brn	3		
Acura	MDX	2005-06	Auto-Detect	5	1721 Shell	Green/Red	3					Blk/White	11		
Acura	MDX	2003-04	Auto-Detect	5	1721 Shell	Green/Red	3								
Acura	MDX	2001-02	Auto-Detect	11	1721 Shell	Green/Red	3								
Acura	RDX	2007-09	Auto-Detect	5	Honda 32 Pin	Pink	19					Brn	3		
Acura	RL	2005-09	Auto-Detect	5	1721 Shell	Orange	3					Brn	11		
Acura	RL	2004	Auto-Detect	11	1721 Shell	Blue/White	3								
Acura	RL	1996-03	Auto-Detect	11	1720 Shell	Green/Red	12								
Acura	TL	2009	Auto-Detect	5	1729 Shell	Pink	16					Yellow	5		
Acura	TL	2007-08	Auto-Detect	5	1721 Shell	Pink	3					Brn	11		
Acura	TL	2004-06	Auto-Detect	5	1721 Shell	Green/Red	3					Brn	11		
Acura	TL	1999-03	Auto-Detect	11	1721 Shell	Green/Red	3								
Acura	TSX	2009	Auto-Detect	5	1729 Shell	Pink	16					Brn	5		
Acura	TSX	2006-08	Auto-Detect	5	1721 Shell	Yellow	3					Brn	11		
Acura	TSX	2005	Auto-Detect	5	1721 Shell	Orange	3					Brn	11		
Acura	TSX	2004	Auto-Detect	5	1721 Shell	Green/Red	3					Brn	11		
Audi	A3	2006-09	Tap Vol Up Continually	1,7	9003 Shell	Orange/ Violet	9	Orange/Brn	10						
Audi	A4	2007-09	Tap Vol Up Continually	1,7	9003 Shell	Orange/ Violet	9	Orange/Brn	10						
Audi	A4	2004-06	Tap Vol Up Continually	1,7	9003 Shell	Orange/ Violet	9	Orange/Brn	10						
Audi	A4 (Symphony Radio)	2002-05	Tap Vol Up Continually	1,7	1787 Shell	Orange/ Violet	7	Orange/Brn	12						
Audi	A4 (Concert Radio)	2001-07	Tap Vol Up Continually	1	1787 Shell	White/ Yellow	11								
Audi	A4	1999-00	Tap Vol Up Continually	1	1787 Shell	Red/Yellow	11								
Audi	A5	2008-10	Tap Vol Up Continually	1,7	9003 Shell	Orange/ Violet	9	Orange/Brn	10						

MAKE	MODEL	FROM	ACTION REQUIRED FOR THE AUTO-DETECT TO BE SUCESSFUL	PIN MBER(S) USED ON THE ASWC	STEERING WHEEL CONTROL CONNECTOR	VEHICLES 1ST SWC WIRE COLOR	1st SWC WIRE PIN #	VEHICLES 2ND SWC WIRE COLOR	2nd SWC WIRE PIN #	VEHICLES 3rd SWC WIRE COLOR	3rd SWC WIRE PIN #	VEHICLES REFERENCE Gnd WIRE COLOR (CONNECT TO Gnd)	REFERENCE Gnd PIN #	VEHICLES REFERENCE VOLTAGE WIRE COLOR (CONNECT TO 12 VOLT ACCESSORY)	REFERENCE VOLTAGE PIN #
Audi	A6 (Symphony Radio)	2000-05	Tap Vol Up Continually	1,7	1787 Shell	Orange/ Green	7	Orange/Brn	12						
Audi	A6 (Concert Radio)	2000-05	Tap Vol Up Continually	1	1787 Shell	White/ Yellow	11								
Audi	RS4	2006-09	Tap Vol Up Continually	1,7	9003 Shell	Orange/ Violet	9	Orange/Brn	10						
Audi	RS6	2003	Tap Vol Up Continually	1,7	1787 Shell	Orange/ Green	7	Orange/Brn	12						
Audi	S4	2004-07	Tap Vol Up Continually	1,7	9003 Shell	Orange/ Violet	9	Orange/Brn	10						
Audi	S4	2002-03	Tap Vol Up Continually	1,7	1787 Shell	Orange/ Violet	7	Orange/Brn	12						
Audi	S4	1999-01	Tap Vol Up Continually	1	1787 Shell	White/ Yellow	11								
Audi	S6	2003	Tap Vol Up Continually	1,7	1787 Shell	Orange/ Green	7	Orange/Brn	12						
Audi	S6	2002	Tap Vol Up Continually	1,7	1787 Shell	Orange/ Violet	7	Orange/Brn	12						
Audi	S6	2001	Tap Vol Up Continually	1	1787 Shell	White/ Yellow	11								
Audi	TT	2008-09	Tap Vol Up Continually	1,7	9003 Shell	Orange Violet	9	Orange/Brn	10						
Audi	TT	2000-06	Tap Vol Up Continually	1,7	1787 Shell	Orange/ Violet	7	Orange/Brn	12						
Bmw	1 Series W/O Nav	2008-10	Tap Vol Up Continually	1,7	9003 Shell	Orange/ Green	11	Green	9						
Bmw	3 Series	2007-10	Tap Vol Up Continually	1,7	9003 Shell	Orange/ Green	11	Green	9						
Bmw	3 Series (Sedan Only) E90 Series	2006	Tap Vol Up Continually	1,7	9003 Shell	Orange/ Green	11	Green	9						
Bmw	3 Series (Coupe Only) E46 Series	2006	Tap Vol Up Continually	1	8590 Shell	White/Red/ Yellow	7								
Bmw	3 Series	1999-05	Tap Vol Up Continually	1	8590 Shell	White/Red/ Yellow	7								
Bmw	5 Series	2004-05	Tap Vol Up Continually	1,7	9003 Shell	Blk	11	Yellow	9						
Bmw	5 Series	1997-03	Tap Vol Up Continually	1	8590 Shell	White/Gray/ Yellow	7								
Bmw	M3	2004	Tap Vol Up Continually	1	8590 Shell	White/Red/ Yellow	9								

MAKE	MODEL	FROM	ACTION REQUIRED FOR THE AUTO-DETECT TO BE SUCESSFUL	PIN MBER(S) USED ON THE ASWC	STEERING WHEEL CONTROL CONNECTOR	VEHICLES 1ST SWC WIRE COLOR	1st SWC WIRE PIN #	VEHICLES 2ND SWC WIRE COLOR	2nd SWC WIRE PIN #	VEHICLES 3rd SWC WIRE COLOR	3rd SWC WIRE PIN #	VEHICLES REFERENCE Gnd WIRE COLOR (CONNECT TO Gnd)	REFERENCE Gnd PIN #	VEHICLES REFERENCE VOLTAGE WIRE COLOR (CONNECT TO 12 VOLT ACCESSORY)	REFERENCE VOLTAGE PIN #
Bmw	X3	2004-08	Tap Vol Up Continually	1	9003 Shell	White/Red/ Yellow	9								
Bmw	X5	2007-08	Tap Vol Up Continually	1,7	9003 Shell	Orange/ Green	11	Green	9						
Bmw	X5	2003-06	Tap Vol Up Continually	1	9003 Shell	White/Gray/ Yellow	9								
Bmw	X5	2001-02	Tap Vol Up Continually	1	9003 Shell	White/Red/ Yellow	9								
Bmw	X5	2000	Tap Vol Up Continually	1	8590 Shell	White/Gray/ Yellow	7								
Bmw	Z4	2003-08	Tap Vol Up Continually	1	9003 Shell	White/Red/ Yellow	9								
Buick	Allure	2010-12	Tap Vol Up Continually	1	Gmlan 44 Shell	Dark Green	28								
Buick	Allure	2005-09	Hold Vol Up	3 & Tie Pin 2 And 4 To Ground	2003 Shell	Dark Blue	A7							Violet	A6
Buick	Century	2004-05	Hold Vol Up	3 & Tie Pin #4 To Ground	2003 Shell	Dark Blue	A7							Violet	A6
Buick	Century	1997-03	Hold Vol Up	3 & Tie Pin 2 And 4 To Ground	2001 Shell	Dark Blue	E6								
Buick	Enclave	2008-12	Tap Vol Up Continually	1	Gmlan 14 Shell	Dark Green	13								
Buick	Lacrosse	2010-12	Tap Vol Up Continually	1	Gmlan 44 Shell	Dark Green	28								
Buick	Lacrosse	2005-09	Hold Vol Up	3 & Tie Pin #4 To Ground	2003 Shell	Dark Blue	A7							Violet	A6
Buick	Le Sabre	2000-05	Tap Vol Up Continually	1	Dock-N-Lock	Violet	A1	Violet	A2						
Buick	Le Sabre	1995-99	Hold Vol Up	3 & Tie Pin 2 And 4 To Ground	2001 Shell	Light Green Or Dk. Blue	E5 Or E6								
Buick	Le Sabre	1994	Hold Vol Up	3 & Tie Pin #4 To Ground	1858 Shell	Light Green	13								

MAKE	MODEL	FROM	ACTION REQUIRED FOR THE AUTO-DETECT TO BE SUCESSFUL	PIN MBER(S) USED ON THE ASWC	STEERING WHEEL CONTROL CONNECTOR	VEHICLES 1ST SWC WIRE COLOR	1st SWC WIRE PIN #	VEHICLES 2ND SWC WIRE COLOR	2nd SWC WIRE PIN #	VEHICLES 3rd SWC WIRE COLOR	3rd SWC WIRE PIN #	VEHICLES REFERENCE Gnd WIRE COLOR (CONNECT TO Gnd)	REFERENCE Gnd PIN #	VEHICLES REFERENCE VOLTAGE WIRE COLOR (CONNECT TO 12 VOLT ACCESSORY)	REFERENCE VOLTAGE PIN #
Buick	Lucerne	2006-10	Tap Vol Up Continually	1	Gmlan 14 Shell	Dark Green	13								
Buick	Park Avenue	1995-05	Hold Vol Up	3 & Tie Pin #4 To Ground; Tie Pin 1 And 11 Together	2001 Shell	Light Green	E5								
Buick	Rainier	2004-07	Tap Vol Up Continually	1	2003 Shell	Orange	A1								
Buick	Regal	2011-12	Tap Vol Up Continually	1	Gmlan 44 Shell	Dark Green	28								
Buick	Regal	2003-04	Hold Vol Up	3 & Tie Pin #4 To Ground	2003 Shell	Dark Blue	A7							Violet	A6
Buick	Regal	1995-02	Hold Vol Up	3	2001 Shell	Dark Blue Or Light Green	E6								
Buick	Regal	1994	Hold Vol Up	3 & Tie Pin #4 To Ground	At Tuner Under Glovebox	Dark Blue	B								
Buick	Rendezvous	2002-07	Hold Vol Up	3 & Tie Pin 2 And 4 To Ground	2003 Shell	Dark Blue	A7							Violet	A6
Buick	Riviera	1996-99	Hold Vol Up	3 & Tie Pin #4 To Ground	2001 Shell	Light Green	E5								
Buick	Riviera	1995	Hold Vol Up	3 & Tie Pin #4 To Ground	Gm 7 Pin Shell	Light Green	2								
Buick	Skylark	1996-98	Hold Vol Up	3 & Tie Pin 2 And 4 To Ground	2001 Shell	Light Green	E6								
Buick	Terraza	2005-07	Hold Vol Up	3 & Tie Pin 2 And 4 To Ground	2003 Shell	Dark Blue	A7							Violet	A6
Cadillac	Catera	199701	Auto-Detect	3	2001 Shell	Blue/Red	F8					Blk	F9		
Cadillac	CTS	2010-12	Tap Vol Up Continually	1,7	Gmlan 44 Shell	Dark Green	14	Dark Green	28						

MAKE	MODEL	FROM	ACTION REQUIRED FOR THE AUTO-DETECT TO BE SUCESSFUL	PIN MBER(S) USED ON THE ASWC	STEERING WHEEL CONTROL CONNECTOR	VEHICLES 1ST SWC WIRE COLOR	1st SWC WIRE PIN #	VEHICLES 2ND SWC WIRE COLOR	2nd SWC WIRE PIN #	VEHICLES 3rd SWC WIRE COLOR	3rd SWC WIRE PIN #	VEHICLES REFERENCE Gnd WIRE COLOR (CONNECT TO Gnd)	REFERENCE Gnd PIN #	VEHICLES REFERENCE VOLTAGE WIRE COLOR (CONNECT TO 12 VOLT ACCESSORY)	REFERENCE VOLTAGE PIN #
Cadillac	CTS	2008-09	Tap Vol Up Continually	1,7	Gmlan 44 Shell	Dark Green	14	Dark Green	28						
Cadillac	CTS	2003-07	Hold Button Inside Circle	2,3,5,11	Also Orange Pin 5 & Pink Pin 12, All In Connector 1787 Sub Shell	Dark Blue	13							Violet	2
Cadillac	Deville	1996-05	Tap Vol Up Continually	1	2001 Shell	Violet	E6	Violet	F6						
Cadillac	DTS	2006-11	Tap Vol Up Continually	1	Gmlan 14 Shell	Dark Green	13								
Cadillac	Eldorado	1996-02	Tap Vol Up Continually	1	2001 Shell	Violet	E6	Violet	F6						
Cadillac	Escalade/Esv/Ext	2007-10	Tap Vol Up Continually	1	Gmlan 14 Shell	Dark Green	13								
Cadillac	Escalade And Escalade Ext	2003-06	Tap Vol Up Continually	1	2003 Shell	Orange	A1								
Cadillac	Escalade	1999-02	Hold Vol Up	3	1858 Shell	Dark Blue	14								
Cadillac	Seville	1996-04	Tap Vol Up Continually	1	2001 Shell	Violet	E6	Violet	F6						
Cadillac	SRX	2007-09	Tap Vol Up Continually	1	Gmlan 14 Shell	Dark Green	13	Dark Green	14						
Cadillac	SRX	2004-06	Hold Vol Up	3	1787 Shell	Dark Blue	13							Violet	2
Cadillac	SRX w/ Indash Cd Changer	2004-06	Hold Vol Up	3	Cadillac 16 Pin	Dark Blue	11							Violet	10
Cadillac	STS	2005-10	Tap Vol Up Continually	1	Gmlan 16 Shell	Dark Green	15								
Cadillac	XLR	2004-09	Hold Vol Up	3	Cadillac 16 Pin	Dark Blue	11							Violet	10
Chevrolet	Astro Van	1996-05	Hold Vol Up	3	1858 Shell	Light Green	13								
Chevrolet	Avalanche	2007-12	Tap Vol Up Continually	1	Gmlan 14 Shell	Dark Green	13								
Chevrolet	Avalanche	2003-06	Tap Vol Up Continually	1	2003 Shell	Orange	A1								
Chevrolet	Avalanche	2002	Hold Vol Up	3	1858 Shell	Dark Blue	14								
Chevrolet	Aveo	2009-10	Hold Vol Up	8	Gmlan 14 & 16	Dark Blue	12					Brn/White	12		
Chevrolet	S-10 Blazer	2003-05	Hold Vol Up	3	2003 Shell	Dark Blue	A7							Dark Green	A6
Chevrolet	S-10 Blazer	1999-02	Hold Vol Up	3	1858 Shell	Dark Blue	14								
Chevrolet	S-10 Blazer	1998	Hold Vol Up	3	1858 Shell	Light Green	13								

MAKE	MODEL	FROM	ACTION REQUIRED FOR THE AUTO-DETECT TO BE SUCESSFUL	PIN MBER(S) USED ON THE ASWC	STEERING WHEEL CONTROL CONNECTOR	VEHICLES 1ST SWC WIRE COLOR	1st SWC WIRE PIN #	VEHICLES 2ND SWC WIRE COLOR	2nd SWC WIRE PIN #	VEHICLES 3rd SWC WIRE COLOR	3rd SWC WIRE PIN #	VEHICLES REFERENCE Gnd WIRE COLOR (CONNECT TO Gnd)	REFERENCE Gnd PIN #	VEHICLES REFERENCE VOLTAGE WIRE COLOR (CONNECT TO 12 VOLT ACCESSORY)	REFERENCE VOLTAGE PIN #
Chevrolet	Camaro	2010-12	Tap Vol Up Continually	1	Gmlan 44 Shell	Dark Green	28								
Chevrolet	Camaro	1996-02	Hold Vol Up	3	1858 Shell	Dark Blue	14								
Chevrolet	Cavalier	2000-05	Tap Vol Up Continually	1	2003 Shell	Violet	A1								
Chevrolet	Cavalier	1996-99	Hold Vol Up	3	1858 Shell	Light Green	14								
Chevrolet	Cobalt	2007-10	Hold Vol Up	3 & Tie Pin #2 To Ground	Gmlan 14 & 16	Dark Blue	11							White/Blk	14
Chevrolet	Cobalt	2005-06	Hold Vol Up	3	2103 Shell	Dark Blue	A9							White/Blk	A10
Chevrolet	Colorado	2004-12	Tap Vol Up Continually	1	2003 Shell	Violet	A1								
Chevrolet	Corvette	2007-12	Hold Vol Up	3 & Tie Pin #2 To Ground	2003 Shell	Dark Blue	A7							Violet	A6
Chevrolet	Cruze	2011-12	Tap Vol Up Continually	1	Gmlan 44 Shell	Dark Green	14 Or 28								
Chevrolet	Equinox	2010-12	Tap Vol Up Continually	1	Gmlan 44 Shell	Dark Green	28								
Chevrolet	Equinox	2007-09	Tap Vol Up Continually	1	Gmlan 14 Shell	Dark Green	13								
Chevrolet	Equinox	2005-06	Hold Vol Up	3	2103 Shell	Dark Blue	A9							White/Blk	A10
Chevrolet	Express Van (Full Size)	2008-10	Tap Vol Up Continually	1	Gmlan 14 Shell	Dark Green	13								
Chevrolet	HHR	2006-10	Hold Vol Up	3 & Tie Pin #2 To Ground	Gmlan 14 & 16	Dark Blue	11							White/Blk	14
Chevrolet	Impala	2006-12	Tap Vol Up Continually	1	Gmlan 14 Shell	Dark Green/ White	13								
Chevrolet	Impala	2000-05	Hold Vol Up	3	2003 Shell	Dark Blue	A7							Pink	A6
Chevrolet	Lumina	1995-01	Hold Vol Up	3	1858 Shell	Light Green	14								
Chevrolet	Malibu	2008-10	Hold Vol Up	3 & Tie Pin #2 To Ground	Gmlan 14 & 16	Dark Blue	11							White/Blk	14
Chevrolet	Malibu/ Malibu Maxx (3-Spoke Sw)	2004-07	Hold Vol Up	3 & Tie Pin #2 To Ground	2103 Shell	Dark Blue	A9							White/Blk	A10

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Chevrolet	Malibu/ Malibu Maxx (4-Spoke Sw)	2004-07	Hold Vol Up	3	2103 Shell	Dark Blue	A9							White/Blk	A10
Chevrolet	Monte Carlo	2006-07	Tap Vol Up Continually	1	Gmlan 14 Shell	Dark Green/ White	13								
Chevrolet	Monte Carlo	2000-05	Hold Vol Up	3	2003 Shell	Dark Blue	A7							Pink	A6
Chevrolet	Monte Carlo	1995-99	Hold Vol Up	3	1858 Shell	Light Green	14								
Chevrolet	Silverado Pickup	2007-12	Tap Vol Up Continually	1	Gmlan 14 Shell	Dark Green	13								
Chevrolet	Silverado Pickup (All Models And Classic)	2003-07	Tap Vol Up Continually	1	2003 Shell	Orange	A1								
Chevrolet	Silverado Pickup (All Models)	2001-02	Hold Vol Up	3	1858 Shell	Dark Blue	14								
Chevrolet	Sonic	2012	Tap Vol Up Continually	1	Gmlan 44 Shell	Dark Green	14 Or 28								
Chevrolet	SSR	2003-06	Tap Vol Up Continually	1	2003 Shell	Orange	A1								
Chevrolet	Suburban	2007-10	Tap Vol Up Continually	1	Gmlan 14 Shell	Dark Green	13								
Chevrolet	Suburban	2003-06	Tap Vol Up Continually	1	2003 Shell	Orange	A1								
Chevrolet	Suburban	1999-02	Hold Vol Up	3	1858 Shell	Dark Blue	14								
Chevrolet	Tahoe	2007-12	Tap Vol Up Continually	1	Gmlan 14 Shell	Dark Green	13								
Chevrolet	Tahoe	2003-06	Tap Vol Up Continually	1	2003 Shell	Orange	A1								
Chevrolet	Tahoe	1999-02	Hold Vol Up	3	1858 Shell	Dark Blue	14								
Chevrolet	Trailblazer	2002-09	Tap Vol Up Continually	1	2003 Shell	Orange	A1								
Chevrolet	Traverse	2009-12	Tap Vol Up Continually	1	Gmlan 14 Shell	Dark Green	13								
Chevrolet	Uplander	2005-08	Hold Vol Up	3	2003 Shell	Dark Blue	A7							Violet	A6
Chevrolet	Venture Van	2000-05	Hold Vol Up	3	2003 Shell	Dark Blue	A7							Pink	A6
Chevrolet	Venture Van	1997-99	Hold Vol Up	3	1858 Shell	Dark Blue	14								
Chrysler	200	2011-12	Tap Vol Up Continually	1,7	6522 Shell	White/ Orange	13	White	2						
Chrysler	300/ 300C	2008-10	Tap Vol Up Continually	1,7	6522 Shell	White/ Orange	13	White	2						

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Chrysler	300/ 300C	2005-07	Tap Vol Up Continually	1,7	6502 Shell	White/ Orange	5	White	6						
Chrysler	300M	2002-04	Tap Vol Up Continually	1	6502 Shell	Violet/ Yellow	14								
Chrysler	300M	1999-01	Tap Vol Up Continually	1	Chrysler 2 Pin	White/ Orange	1								
Chrysler	Aspen	2008	Tap Vol Up Continually	1,7	6522 Shell	White/ Orange	13	White	2						
Chrysler	Aspen	2007	Tap Vol Up Continually	1,7	6502 Shell	White/ Orange	5	White	6						
Chrysler	Concorde	2002-04	Tap Vol Up Continually	1	6502 Shell	White/ Orange	14								
Chrysler	Concorde	1998-01	Tap Vol Up Continually	1	Chrysler 2 Pin	Violet/ Yellow	1								
Chrysler	LHS	1998-01	Tap Vol Up Continually	1	Chrysler 2 Pin	Violet/ Yellow	1								
Chrysler	Pacifica	2004-08	Tap Vol Up Continually	1	6502 Shell	White/Violet	14								
Chrysler	Prowler	2002	Tap Vol Up Continually	1	Chrysler 2 Pin	Violet/Brn	1	White/Blk	2						
Chrysler	Sebring	2007-10	Tap Vol Up Continually	1,7	6522 Shell	White/ Orange	13	White	2						
Chrysler	Sebring Convertible And Sedan	2002-06	Tap Vol Up Continually	1	6502 Shell	Violet/ Yellow	14								
Chrysler	Sebring Coupe	2002-05	Auto-Detect	4	Chrysler 2 Pin	Green/ Orange	1					Green/Blk	2		
Chrysler	Town & Country	2008-11	Tap Vol Up Continually	1,7	6522 Shell	White/Gray	13	White/ Orange	2	Brn/Blk	8	Pink/White & Brn/ White	Brn/White Pin 6, Loose Pink/ White		
Chrysler	Town & Country (Mini Van)	2002-07	Tap Vol Up Continually	1	6502 Shell	White/Violet	14			Brn/Blk	2	Pink/White & Orange/ Blk	1 & 8		
Chrysler	Town & Country (Mini Van)	2001	Tap Vol Up Continually	1	Chrysler 2 Pin	White/Violet	1								
Chrysler	Town & Country (Mini Van)	1999-00	Tap Vol Up Continually	1	Chrysler 2 Pin	Violet/Brn	1	White/Blk	2						
Chrysler	Voyager	2002-03	Tap Vol Up Continually	1	6502 Shell	White/Violet	14								
Chrysler	Voyager	2001	Tap Vol Up Continually	1	Chrysler 2 Pin	White/Violet	1								

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Dodge	Avenger	2007-12	Tap Vol Up Continually	1,7	6522 Shell	White/ Orange	13	White	2						
Dodge	Caliber	2009-12	Tap Vol Up Continually	1,7	6522 Shell	White/Gray	13	White/ Orange	2						
Dodge	Caliber	2007-08	Tap Vol Up Continually	1,7	6502 Shell	White/ Orange	5	White/Pink	6			Grn/Blck	2		
Dodge	Grand Caravan	2008-12	Tap Vol Up Continually	1,7	6522 Shell	White/Gray	13	White/ Orange	2						
Dodge	Caravan	2002-07	Tap Vol Up Continually	1	6502 Shell	White/Violet	14								
Dodge	Caravan	2001	Tap Vol Up Continually	1	Chrysler 2 Pin	White/Violet	1								
Dodge	Caravan	1999-00	Tap Vol Up Continually	1	Chrysler 2 Pin	Violet/Brn	1	White/Blk	2						
Dodge	Challenger	2009-12	Tap Vol Up Continually	1,7	6522 Shell	White/ Orange	13	White	2						
Dodge	Charger	2008-10	Tap Vol Up Continually	1,7	6522 Shell	White/ Orange	13	White	2						
Dodge	Charger	2005-07	Tap Vol Up Continually	1,7	6502 Shell	White/ Orange	5	White	6						
Dodge	Dakota	2010-11	Tap Vol Up Continually	1,7	6522 Shell	White/ Orange	13	White	2						
Dodge	Dakota	2008	Tap Vol Up Continually	1,7	6522 Shell	White/ Orange	13	White	2						
Dodge	Dakota	2005-07	Tap Vol Up Continually	1,7	6502 Shell	White/ Orange	5	White	6						
Dodge	Dakota	2002-04	Tap Vol Up Continually	1	6502 Shell	Violet/ Yellow	14								
Dodge	Dakota	2001	Tap Vol Up Continually	1	Chrysler 2 Pin	Violet/ Yellow	1								
Dodge	Dakota	1999-00	Tap Vol Up Continually	1	Chrysler 2 Pin	Violet/Brn	1	White/Blk	2						
Dodge	Durango	2008-12	Tap Vol Up Continually	1,7	6522 Shell	White/ Orange	13	White	2						
Dodge	Durango	2004-07	Tap Vol Up Continually	1,7	6502 Shell	White/ Orange	5	White	6						
Dodge	Durango	2002-03	Tap Vol Up Continually	1	6502 Shell	White/ Orange	14								
Dodge	Durango	2001	Tap Vol Up Continually	1	Chrysler 2 Pin	White/ Orange	1								

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Dodge	Durango	1998-00	Tap Vol Up Continually	1	Chrysler 2 Pin	Violet/Brn	1	White/Blk	2						
Dodge	Intrepid	2002-04	Tap Vol Up Continually	1	6502 Shell	Violet/ Yellow	14								
Dodge	Intrepid	1998-01	Tap Vol Up Continually	1	Chrysler 2 Pin	Violet/ Yellow	1								
Dodge	Journey	2009-10	Tap Vol Up Continually	1,7	6522 Shell	White/Gray	13	White/ Orange	2						
Dodge	Magnum	2008	Tap Vol Up Continually	1,7	6522 Shell	White/ Orange	13	White	2						
Dodge	Magnum	2005-07	Tap Vol Up Continually	1,7	6502 Shell	White/ Orange	5	White	6						
Dodge	Nitro	2007-12	Tap Vol Up Continually	1,7	6522 Shell	White/Gray	13	White/ Orange	2						
Dodge	Ram Pickup 1500	2009-12	Tap Vol Up Continually	1,7	6522 Shell	White/Gray	13	White/ Orange	2						
Dodge	Ram Pickup 1500	2006-08	Tap Vol Up Continually	1,7	6502 Shell	White/ Orange	5	White	6						
Dodge	Ram Pickup 1500	2002-05	Tap Vol Up Continually	1	6502 Shell	White/ Violet	14					Light Green	17		
Dodge	Ram Pickup 1500	1999	Tap Vol Up Continually	1,7	Chrysler 2 Pin	Violet/Brn	1	White/Blk	2						
Dodge	Ram Pickup 2500/3500	2010-12	Tap Vol Up Continually	1,7	6522 Shell	White/Gray	13	White/ Orange	2			Gray	17		
Dodge	Ram Pickup 2500/3500	2006-09	Tap Vol Up Continually	1,7	6502 Shell	White/ Orange	5	White	6						
Dodge	Ram Pickup 2500/3500	2004-05	Tap Vol Up Continually	1	6502 Shell	White/ Violet	14								
Dodge	Ram Pickup 2500/3500	2003	Tap Vol Up Continually	1	6502 Shell	Violet/Light Blue	14								
Dodge	Ram Pickup 2500/3500	1999-02	Tap Vol Up Continually	1,7	Chrysler 2 Pin	Violet/Brn	1	White/Blk	2						
Dodge	Sprinter Van	2007-10	Tap Vol Up Continually	1,7	1784 Shell	Brn/Red	A6	Brn	A7						
Dodge	Stratus Convertible And Sedan	2002-06	Tap Vol Up Continually	1	6502 Shell	Violet/ Yellow	14								
Dodge	Stratus Coupe	2002-06	Auto-Detect	4	Chrysler 2 Pin	Green/ Orange	1					Green/Blk	2		
Dodge	Viper	2003-08	Tap Vol Up Continually	1	6502 Shell	White/ Violet	14								

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Ford	Crown Victoria	2003-10	Auto-Detect	5	5520 Shell	Light Blue/ Red	18								
Ford	Edge	2007-10	Auto-Detect	2	5520 Shell	Gray/ Yellow	18					Blue/White	19		
Ford	Escape	2008-10	Auto-Detect	2	5520 Shell	Gray/ Yellow	18					Blue/White	19		
Ford	Excursion	2002-05	Auto-Detect	5	5700 Shell	Light Blue/ Red	14								
Ford	Expedition W/ Navigation	2007-10	Auto-Detect	2,5	5520 Shell	Gray/ Yellow	18	Blue/ Orange	17			Brn Green And White/ Violet	19 & 16		
Ford	Expedition W/O Navigation	2007-10	Auto-Detect	2	5520 Shell	Gray/ Yellow	18					Brn/Green	19		
Ford	Expedition With Fac-tory Nav	2003-06	Auto-Detect	5	Ford 17 Pin	Light Blue/ Red	11								
Ford	Expedition	2003 (Late Produc-tion)	Auto-Detect	5	5520 Shell	Light Blue/ Red	18								
Ford	Expedition	1999-03 (Early)	Auto-Detect	5	5700 Shell	Light Blue/ Red	16								
Ford	Explorer	2008-10	Auto-Detect	2,5	5520 Shell	Gray/ Yellow	18					Blue/White	19		
Ford	Explorer W/Nav	2008-10	Auto-Detect	2,5	5520 Shell	Gray/ Yellow	18	White/Brn	17			Blue/ White, White/ Violet	19&16		
Ford	Explorer	2006-07	Auto-Detect	2	5520 Shell	Gray/ Yellow	18					Blue/White	19		
Ford	Explorer W/ Audiophile Soundsystem	2004-05	Auto-Detect	5	5520 Shell	Yellow	18								
Ford	Explorer	2002-05	Auto-Detect	5	5700 Shell	Yellow	14								
Ford	Explorer	1998-01	Auto-Detect	5	5700 Shell	Light Blue/ Red	14								
Ford	Explorer W/Premium Sound	1998	Auto-Detect	5	5700 Shell	Light Blue/ Pink	9								
Ford	Explorer Sport Trac	2006-10	Auto-Detect	2,5	5520 Shell	Gray/ Yellow	18	White/Brn	17			Blue/White	19		
Ford	F-150	2011	Tap Vol Up Continually	1,7	Ford 16 Pin Harness	Gray/ Orange	15	Violet/ Orange	16						
Ford	F-150	2009-10	Auto-Detect	2	5520 Shell	Gray/ Yellow	18					Brn/Green	19		

MAKE	MODEL	FROM	ACTION REQUIRED FOR THE AUTO-DETECT TO BE SUCESSFUL	PIN MBER(S) USED ON THE ASWC	STEERING WHEEL CONTROL CONNECTOR	VEHICLES 1ST SWC WIRE COLOR	1st SWC WIRE PIN #	VEHICLES 2ND SWC WIRE COLOR	2nd SWC WIRE PIN #	VEHICLES 3rd SWC WIRE COLOR	3rd SWC WIRE PIN #	VEHICLES REFERENCE Gnd WIRE COLOR (CONNECT TO Gnd)	REFERENCE Gnd PIN #	VEHICLES REFERENCE VOLTAGE WIRE COLOR (CONNECT TO 12 VOLT ACCESSORY)	REFERENCE VOLTAGE PIN #
Ford	F-150 (New Body)	2004-08	Auto-Detect	2	5520 Shell	Light Blue/ Red	18					Green/ Orange	19		
Ford	F-250/350/450/550	2011	Tap Vol Up Continually	1,7	Ford 16 Pin Harness	Gray/ Orange	15	Violet/ Orange	16						
Ford	F-250/350/450/550	2008-10	Auto-Detect	2	5520 Shell	Gray/ Yellow	18					Blue/White	19		
Ford	F-250/350/450/550	2005-07	Auto-Detect	2	5520 Shell	Light Blue/ Red	18								
Ford	Five Hundred	2005-07	Auto-Detect	2	5520 Shell	Light Blue/ Red	18								
Ford	Flex	2009-11	Auto-Detect	2,5	5520 Shell	Gray/ Yellow	18	Violet/Red	17			Brn/Green & White/ Violet	19 & 16		
Ford	Focus	2008-11	Auto-Detect	2	5520 Shell	Gray/ Yellow	18					Blue/White	19		
Ford	Focus	2005-07	Auto-Detect	2	5520 Shell	White/Blk	18					Brn/Yellow	19		
Ford	Focus	2002-04	Auto-Detect	2	Ford 17 Pin	White/Blk	11					Brn/Yellow	12		
Ford	Freestar	2004-05	Auto-Detect	2	5520 Shell	Light Blue/ Red	18								
Ford	Freestyle	2005-07	Auto-Detect	2	5520 Shell	Light Blue/ Red (Looks Like Green/ Red)	18								
Ford	Fusion	2010-11	Auto-Detect	2	5520 Shell	Gray/ Yellow	18					Blue/White	19		
Ford	Fusion	2007-09	Auto-Detect	2	5520 Shell	Gray/ Yellow	18	Blue/ Orange	17			Blue/White & White/ Violet	19 & 16		
Ford	Mustang	2010-12	Auto-Detect	2	5520 Shell	Gray/ Yellow	18					Tan/Green	19		
Ford	Taurus (All Models)	2010-12	Auto-Detect	2	5520 Shell	Gray/ Yellow	18					Brn/Green	19		
Ford	Taurus/Taurus X	2008-09	Auto-Detect	2	5520 Shell	Gray/ Yellow	18					White/Brn	19		
Ford	Thunderbird	2002-03	Auto-Detect	2	5700 Shell	White/Blk	14								
Ford	Transit	2010	Auto-Detect	2	5520 Shell	White/Blk	18					Brn/Yellow	19		
Gmc	Acadia	2007-12	Tap Vol Up Continually	1	Gmlan 14 Shell	Dark Green	13								
Gmc	Canyon	2004-12	Tap Vol Up Continually	1	2003 Shell	Violet	A1	Violet	A2						

MAKE	MODEL	FROM	ACTION REQUIRED FOR THE AUTO-DETECT TO BE SUCESSFUL	PIN MBER(S) USED ON THE ASWC	STEERING WHEEL CONTROL CONNECTOR	VEHICLES 1ST SWC WIRE COLOR	1st SWC WIRE PIN #	VEHICLES 2ND SWC WIRE COLOR	2nd SWC WIRE PIN #	VEHICLES 3rd SWC WIRE COLOR	3rd SWC WIRE PIN #	VEHICLES REFERENCE Gnd WIRE COLOR (CONNECT TO Gnd)	REFERENCE Gnd PIN #	VEHICLES REFERENCE VOLTAGE WIRE COLOR (CONNECT TO 12 VOLT ACCESSORY)	REFERENCE VOLTAGE PIN #
Gmc	Envoy	2002-09	Tap Vol Up Continually	1	2003 Shell	Orange	A1								
Gmc	Envoy	1999-01	Hold Vol Up	3	1858 Shell	Dark Blue	14								
Gmc	Envoy Rear Seat Controls	1998	Hold Vol Up	3	1858 Shell	Light Green	13								
Gmc	Jimmy	1999-01	Hold Vol Up	3	1858 Shell	Dark Blue	14								
Gmc	Jimmy Rear Seat Controls	1998	Hold Vol Up	3	1858 Shell	Light Green	13								
Gmc	Safari Van	1996-05	Hold Vol Up	3	1858 Shell	Light Green	13								
Gmc	Savanna Full Size Van	2008-10	Tap Vol Up Continually	1	Gmlan 14 Shell	Dark Green	13								
Gmc	Sierra (New Body)	2007-12	Tap Vol Up Continually	1	Gmlan 14 Shell	Dark Green	13								
Gmc	Sierra (Classic)	2003-07	Tap Vol Up Continually	1	2003 Shell	Orange	A1								
Gmc	Sierra	2001-02	Hold Vol Up	3	1858 Shell	Dark Blue	14								
Gmc	Sierra Rear Seat Controls	1995-00	Hold Vol Up	3	1858 Shell	Dark Blue	13								
Gmc	Sonoma	2003-05	Hold Vol Up	3	2003 Shell	Dark Blue	A7							Dark Green	A6
Gmc	Sonoma	1999-02	Hold Vol Up	3	1858 Shell	Dark Blue	14								
Gmc	Terrain	2010-11	Tap Vol Up Continually	1	Gmlan 44 Shell	Dark Green	13								
Gmc	Yukon / Yukon Xl / Denali	2007-12	Tap Vol Up Continually	1	Gmlan 14 Shell	Dark Green	13								
Gmc	Yukon / Yukon Xl / Denali	2003-06	Tap Vol Up Continually	1	2003 Shell	Orange	A1								
Gmc	Yukon / Yukon Xl / Denali	1999-02	Hold Vol Up	3	1858 Shell	Dark Blue	14								
Harley Davidson	All Models	1998-Up	Hold Vol Up	2,4,5, 8,11, Add 1K Resistor	98 And Up Harley	Pink/White	3	Gray/ Green	22	Gray/ White	4	Pink/White & Brn/ White	Brn/White Pin 6, Loose Pink/ White		
Harley Davidson	All Models	1997 & Back	Hold Vol Up	2,4,5, 8,11, Add 1K Resistor	8 Pin Harley	Green/Blue	4	Gray/ Green	3	Brn/White	5	Pink/White & Orange/ Blk	1 & 8		
Honda	Accord	2008-12	Auto-Detect	5	1729 Shell	Pink	21					Brn	8		
Honda	Accord	2003-07	Auto-Detect	5	1721 Shell	Green/Red	3					Brn	11		
Honda	Accord	1998-02	Auto-Detect	11	1721 Shell	Green/Red	3								
Honda	Civic	2012	Tap Vol Up Continually	1	Honda 20 Pin	Pink	13	Blue	3						

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Honda	Civic (Except Dx Models)	2006-10	Auto-Detect	5	Honda 20 Pin	Pink	7					Brn	6	Dark Grn	A6
Honda	Civic Navigation	2006-09	Auto-Detect	5	Honda 22 Pin	Pink	7					Brn	6		
Honda	CRV	2007-10	Auto-Detect	5	Honda 20 Pin	Pink	7					Brn	6		
Honda	CRV	2005-06	Auto-Detect	5	1721 Shell	Green/Red	3								
Honda	Element	2006-10	Auto-Detect	2	1721 Shell	Green/Red	3					Brn	14		
Honda	Element W Navigation	2008-09	Auto-Detect	2	1729 Shell	Green/Red	16					Brn	5		
Honda	Fit W/Navigation	2009-10	Auto-Detect	5	1729 Shell	Pink	16					White	5		
Honda	Insight W/Navigation	2010	Auto-Detect	5	1729 Shell	Pink	16					White	5		
Honda	Odyssey	2008-10	Auto-Detect	5	Honda 20 Pin	White	7					Brn	6		
Honda	Odyssey	2005-07	Auto-Detect	5	1721 Shell	White	3					Brn	11		
Honda	Odyssey	1999-04	Auto-Detect	11	1721 Shell	Green/Red	3								
Honda	Pilot	2009-10	Auto-Detect	5	1729 Shell	Pink	16					Brn	5		
Honda	Pilot W/Navigation	2009	Auto-Detect	5	1729 Shell	Pink	16					Brn	5		
Honda	Pilot	2006-08	Auto-Detect	2	1721 Shell	Green/Red	3					Brn	11		
Honda	Pilot	2003-05	Auto-Detect	2	1721 Shell	Green/Red	3								
Honda	Ridgeline	2009-10	Auto-Detect	5	1729 Shell	Green/Red	16					Brn	5		
Honda	Ridgeline	2006-08	Auto-Detect	5	1721 Shell	Green/Red	3					Brn	11		
Honda	S2000	2000-09	Auto-Detect	5,3 And Ground Pin 2	1721 Shell	Green/Red	3	Yellow/ Blue	14			Blk	20		
Hummer	H2	2008-09	Tap Vol Up Continually	1	Gmlan 14 Shell	Dark Green	13								
Hummer	H2	2003-07	Tap Vol Up Continually	1	2003 Shell	Orange	A1								
Hyundai	Accent	2010-12	Hold Vol Up	4	1787 Shell	Red/Or-ange	6					Yellow/ Orang	18		
Hyundai	Azera (Non Nav)	2009-11	Hold Vol Up	4	1787 Shell	White	5					White/Blk	6		
Hyundai	Azera (Nav)	2009-10	Hold Vol Up	4	1004 Shell	Green	6					Blk	18		
Hyundai	Azera	2006-08	Hold Vol Up	4	1004 Shell	White	6					White/Blk	18		
Hyundai	Elantra Touring	2009-10	Hold Vol Up	4	1787 Shell	Green	5					Blk	6		
Hyundai	Elantra	2007-10	Hold Vol Up	4	1004 Shell	Green	6					Blk	18		
Hyundai	Entourage	2009-10	Hold Vol Up	4	1787 Shell	Blue/Blk	5					Red	6		
Hyundai	Entourage	2007-08	Hold Vol Up	4	1004 Shell	Blue/Blk	6					Red	18		

MAKE	MODEL	FROM	ACTION REQUIRED FOR THE AUTO-DETECT TO BE SUCESSFUL	PIN MBER(S) USED ON THE ASWC	STEERING WHEEL CONTROL CONNECTOR	VEHICLES 1ST SWC WIRE COLOR	1st SWC WIRE PIN #	VEHICLES 2ND SWC WIRE COLOR	2nd SWC WIRE PIN #	VEHICLES 3rd SWC WIRE COLOR	3rd SWC WIRE PIN #	VEHICLES REFERENCE Gnd WIRE COLOR (CONNECT TO Gnd)	REFERENCE Gnd PIN #	VEHICLES REFERENCE VOLTAGE WIRE COLOR (CONNECT TO 12 VOLT ACCESSORY)	REFERENCE VOLTAGE PIN #
Hyundai	Genesis Coupe	2010-12	Hold Vol Up	4	1787 Shell	Brn	5					Blk/Or-ange	6		
Hyundai	Genesis	2009	Hold Vol Up	2	1787 Shell	Red	8	Blue	3						
Hyundai	Santa Fe	2009-11	Hold Vol Up	4	1787 Shell	Gray	5					Blue	6		
Hyundai	Santa Fe	2007-08	Hold Vol Up	4	Gmlan 14 Shell	Blue	11					Gray	12		
Hyundai	Sonata	2011-12	Hold Vol Up	4	24 Pin Hyundai/ Kia	Tan	4					Light Green	17		
Hyundai	Sonata	2009-10	Hold Vol Up	4	1787 Shell	Brn	5					Green	6		
Hyundai	Sonata	2006-08	Hold Vol Up	4	5520 Shell	Brn	18					Green	19		
Hyundai	Tuscon W/O Nav	2010	Hold Vol Up	4	24 Pin Hyundai/ Kia	Blue	4					Gray	17		
Hyundai	Tuscon	2009	Hold Vol Up	4	1787 Shell		5						6		
Hyundai	Tiburon	2005-08	Hold Vol Up	4	Kia/Hyundai 3 Pin	Blue/Ornge	2					Blk	3		
Hyundai	Veracruz	2009-11	Hold Vol Up	4	1787 Shell	Blue	5					Blue/Blk	6		
Hyundai	Veracruz	2007-08	Hold Vol Up	4	1004 Shell	Blue	6					Blue/Blk	18		
Infiniti	EX35 Std And Bose	2008	Hold Vol Up	11,2	7552 Shell	Pink	6	Blue	16			Blk	15		
Infiniti	EX35 W/Navigation	2008	Hold Vol Up	11,2	7552 Shell	Pink	6	Blue	16			Blk	15		
Infiniti	FX35/FX45	2006-08	Hold Vol Up	5,2	Nissan 16 Pin(1)	Red/White	3	Green/ White	10			Blk/Yellow	2		
Infiniti	FX35/FX45	2003-05	Hold Vol Up	5,2	Nissan 16 Pin(1)	Red/Green	3	Green/ White	10			Blk/Yellow	2		
Infiniti	G37	2008	Hold Vol Up	11,2	7552 Shell	Green	6	Blue	16			Blk	15		
Infiniti	G35 Sedan	2007-08	Hold Vol Up	11,2	7552 Shell	Pink	6	Blue	16			Blk	15		
Infiniti	G35 Coupe	2007	Hold Vol Up	5,2	Nissan 16 Pin(2)	Red	4	Green	13			Yellow	11		
Infiniti	G35	2003-06	Hold Vol Up	5,2	Nissan 16 Pin(2)	Red	4	Green	13			Yellow	11		
Infiniti	I30	2001	Hold Vol Up	2,4,5,8,11; Put 1K Ohm Resistor On Pin 5	Nissan 16 Pin(2)	Green/Blk	6	Yellow/Red	5	Blue/ Yellow	13				
Infiniti	I-35	2002-04	Hold Vol Up	5,2	Nissan 16 Pin(2)	Red	4	Blue/ Yellow	13			Brn/White	11		
Infiniti	M35	2007-08	Hold Vol Up	11,2	7552 Shell	Brn	6	Orange	16			Green	15		
Infiniti	Q45	2000-01	Hold Vol Up	2,4,5,8,11; Put 1K Ohm Resistor On Pin 5	Nissan 16 Pin(2)	Green/Blk	6	Yellow/Red	5	Blue/ Yellow	13				

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Infiniti	QX4	2001	Hold Vol Up	2,4,5,8,11; Put 1K Ohm Resistor On Pin 5	Nissan 16 Pin(2)	Green/Blk	6	Yellow/ Red	5	Blue/ Yellow	13				
Infiniti	QX56	2004-07	Hold Vol Up	5,2	24 Pin A/V Harness	Red	12	Green	13			Blue	14		
Isuzu	Ascender	2003-05	Auto-Detect	1	2003 Shell	Orange	A1								
Jaguar	S Type	2003-08	Auto-Detect	2	9500 Shell	White/Blk	18								
Jaguar	S Type Std Audio	2002	Auto-Detect	2	17 Pin Blk Connector At Radio	White/Blk	11					Blk/Orange	12		
Jaguar	S Type Premium Audio	2002	Auto-Detect	2	17 Pin Blk Connector At Radio	White/Blk	11					Blk/Blue	12		
Jaguar	S Type Both Systems	2000-01	Auto-Detect	2	17 Pin Blk Connector At Radio	White/Blk	11					Blk/Blue	12		
Jaguar	X Type	2003-08	Auto-Detect	2	9500 Shell	Blue/Yellow	18								
Jaguar	X Type	2002	Auto-Detect	2	9500 Shell	Blue/Yellow	18								
Jaguar	XJ	2004-08	Auto-Detect	2	9500 Shell	Red/White	18								
Jaguar	XJ	2003	Hold Vol Up	4	26 Pin Yellow Connector At Radio	Red/White	2								
Jaguar	XJ 8	2000-02	Hold Vol Up	4	26 Pin Yellow Connector At Radio	Red/White	2								
Jaguar	XJ 8	1998-99	Hold Vol Up	4	20 Pin White Connector At Radio	Pink/Yellow	2								
Jaguar	XK	2007-08	Auto-Detect	2	Jaguar 20 Pin	Red/White	7								
Jaguar	XJR/XK8	1999	Hold Vol Up	4	20 Pin White Connector At Radio	Pink/Yellow	2								
Jaguar	XK8	2002	Hold Vol Up	4	26 Pin Yellow Connector At Radio	Red/White	2								
Jaguar	XKR	2000-02	Hold Vol Up	4	26 Pin Yellow Connector At Radio	Red/White	2								
Jeep	Commander	2008-09	Tap Vol Up Continually	1,7	6522 Shell	White/ Orange	13	White	2						
Jeep	Commander	2006-07	Tap Vol Up Continually	1,7	6502 Shell	White/ Orange	5	White	6						
Jeep	Compass	2009-12	Tap Vol Up Continually	1,7	6522 Shell	White/ Orange	13	White/Pink	2						
Jeep	Compass	2007-08	Tap Vol Up Continually	1,7	6502 Shell	White/ Orange	5	White/Pink	6						

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Jeep	Grand Cherokee	2008-12	Tap Vol Up Continually	1,7	6522 Shell	White/ Orange	13	White	2						
Jeep	Grand Cherokee	2005-07	Tap Vol Up Continually	1,7	6502 Shell	White/ Orange	5	White	6						
Jeep	Grand Cherokee	2002-04	Tap Vol Up Continually	1	6502 Shell	Violet/Yel-low/Blue	14								
Jeep	Grand Cherokee	1999-01	Tap Vol Up Continually	1	Chrysler 2 Pin	Violet/Yel-low/Blue	1								
Jeep	Liberty	2008-12	Tap Vol Up Continually	1,7	6522 Shell	White/ Orange	13	White	2						
Jeep	Liberty	2005-07	Tap Vol Up Continually	1	6502 Shell	White/ Violet	14								
Jeep	Liberty	2004	Tap Vol Up Continually	1	6502 Shell	Violet/ Yellow Or Yellow/ Violet	14								
Jeep	Liberty	2002-03	Tap Vol Up Continually	1	6502 Shell	Yellow/ Violet	14								
Jeep	Patriot	2009-12	Tap Vol Up Continually	1,7	6522 Shell	White/ Orange	13	White/Pink	2						
Jeep	Patriot	2007-08	Tap Vol Up Continually	1,7	6502 Shell	White/ Orange	5	White/Pink	6						
Jeep	Wrangler	2011-12	Tap Vol Up Continually	1,7	6522 Shell	White/Gray	13	White/ Orange	2						
Kia	Amanti Standard Audio	2007-09	Hold Vol Up	4	1004 Shell	Pink	6					Brn/ Orange	18		
Kia	Amanti Jbl	2007-09	Hold Vol Up	4	Kia 12 Pin	Brn	6					Blk/Or-ange	12		
Kia	Amanti Standard Audio	2004-06	Hold Vol Up	4	Kia/Hyundai 3 Pin	Pink	2					Brn/ Orange	3		
Kia	Amanti Jbl	2004-06	Hold Vol Up	4	Kia 12 Pin	Brn	6					Blk/Or-ange	12		
Kia	Borrego	2009-11	Hold Vol Up	4	1787 Shell	Blue/Blk	5					Red	6		
Kia	Forte	2010	Hold Vol Up	4	1787 Shell	Green	5					Blk	6		
Kia	Optima	2009-10	Hold Vol Up	4	1787 Shell	Brn	5					Green	6		
Kia	Optima	2006.5-08	Hold Vol Up	4	1004 Shell	Brn	6					Brn	18		
Kia	Rio	2010	Hold Vol Up	4	1787 Shell	Red/Or-ange	5					Yellow/ Orange	6		
Kia	Rondo	2009-10	Hold Vol Up	4	1787 Shell	White	5						6		

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Kia	Rondo	2007-08	Hold Vol Up	4	1004 Shell	White	6					White/Blk	18		
Kia	Sedona	2009-11	Hold Vol Up	4	1787 Shell	Blue/Blk	5					Red	6		
Kia	Sedona	2008	Hold Vol Up	4	1004 Shell	Blue/Blk	6					Red	18		
Kia	Sedona	2006-07	Hold Vol Up	4	1004 Shell	Blue	6					Red	18		
Kia	Sorento	2011-12	Hold Vol Up	4	1787 Shell	Blue	16					Gray	17		
Kia	Sorento	2007-09	Hold Vol Up	4	Gmlan 14 Shell	Red/Or-ange	11								
Kia	Sorento Ex And Lx Sport Package	2003-06	Hold Vol Up	4	2003 Shell	Red/Or-ange	6					Blk	7		
Kia	Sorento Lx (Excluding Sport Models)	2003-06	Hold Vol Up	4	7301 Shell	Red/Or-ange	13								
Kia	Soul	2010-11	Hold Vol Up	4	1787 Shell	Orange	16					Blue	17		
Kia	Sportage	2010	Hold Vol Up	4	24 Pin Hyundai/ Kia	Blue	14					Gray			
Landrover	Range Rover Sport	2005-10	Auto-Detect	4 And Tie Pin 8 To Ground	9500 Shell	Gray/Red	18					Gray/Blk	7		
Landrover	Freelander High Line Audio	2001-05	Hold Vol Up	2	1784 Shell	Blk/White	2					Blk/Red	5		
Landrover	Discovery Ii	2000-04	Hold Vol Up	2	1784 Shell	Gray/Red	3					Gray/Blk	2		
Lexus	ES 330	2005-06	Auto-Detect	4,8	8215 Shell	Pink/Blk	7	Green/ White	8			Blk/Red	6		
Lexus	ES 350	2007-09	Auto-Detect	4,8	8215 Shell	Orange	7	Violet	8			Blk	6		
Lexus	ES330	2005	Auto-Detect	4,8	8215 Shell	Orange	7	Violet	8			Blk	6		
Lexus	GS 350/450H/460	2009	Auto-Detect	4,8	8215 Shell	Yellow	7	Beige	8			Lt. Green	6		
Lexus	GS300/350/430/450H/460	2006-08	Auto-Detect	4,8	8215 Shell	Yellow	7	Orange	8			Lt. Green	6		
Lexus	GX Series	2003-09	Auto-Detect	4,8	8215 Shell	Light Green/ Red	7	Pink/Blk	8			White	6		
Lexus	HS250H	2010	Auto-Detect	4,8	8215 Shell	Yellow	7	Orange	8			Lt. Green	6		
Lexus	IS Series 250/250C/350/350C/ISF	2006-10	Auto-Detect	4,8	8215 Shell	Light Blue	7	Blue	8			Gray	6		
Lexus	LS Series 460/600H	2007-09	Auto-Detect	4,8	8215 Shell	Brn	7	Green	8			Blk	6		
Lexus	LS Series 460/600H W/ Mark Lev Audio	2007-09	Auto-Detect	4,8	8215 Shell	Brn	7	Green	8			Blk	6		
Lexus	LX470	2003-07	Auto-Detect	4,8	8215 Shell	White/Red	7	Blk/Red	8			Brn	6		

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Lexus	LX570 Including Mark Lev Audio	2008-09	Auto-Detect	4,8	8215 Shell	Blue	7	Pink	8			White	6		
Lexus	RX Series	2004-09	Auto-Detect	4,8	8215 Shell	Green	7	Violet	8			Red	6		
Lexus	RX330	2004-06	Auto-Detect	4,8	8215 Shell	Green	7	Violet	8			Red	6		
Lexus	RX350	2007-09	Auto-Detect	4,8	8215 Shell	Green	7	Violet	8			Orange	6		
Lexus	RX350 W/Navigation	2010	Auto-Detect	4,8	Lexus 26 Pin	Violet	25	Blk	24			Brn	23		
Lexus	RX350	2010	Auto-Detect	4,8	8215 Shell	Violet	7	Blk	8			Brn	6		
Lexus	RX400H	2010	Auto-Detect	4,8	8215 Shell	Green	7	Violet	8			Red	6		
Lincoln	Aviator (5520 Plug)	2004-05	Auto-Detect	5	5520 Shell	Light Blue/ Red	18								
Lincoln	Aviator (5700 Plug)	2003	Auto-Detect	5	5700 Shell	Light Blue/ Red	14								
Lincoln	Blkwood	2002	Auto-Detect	5	5700 Shell	Light Blue/ Red	14								
Lincoln	Continental	1998-02	Auto-Detect	2	5700 Shell	Brn	14								
Lincoln	LS (5520 Plug)	2004-06	Auto-Detect	2	5520 Shell	Blk/White	18					Blk/Red	19		
Lincoln	LS (5700 Plug)	2000-03	Auto-Detect	2	5700 Shell	White/Blk	14								
Lincoln	Mark LT	2006-08	Auto-Detect	2	5520 Shell	Light Blue/ Red	18					Green/ Orange	19		
Lincoln	MKS	2009-11	Auto-Detect	2	5520 Shell	Gray/ Yellow	18					Brn/Green	19		
Lincoln	MKT	2010-11	Auto-Detect	2	5520 Shell	Gray/ Yellow	18					Brn/Green	19		
Lincoln	MKX	2007-10	Auto-Detect	2,5	5520 Shell	Gray/ Yellow	18	Blue/ Orange	17			Blue/White & White/ Violet	19 & 16		
Lincoln	MKZ	2007-11	Auto-Detect	2,5	5520 Shell	Gray/ Yellow	18	Blue/ Orange	17			Brn/Green & White/ Violet	19 & 16		
Lincoln	Navigator	2007-10	Auto-Detect	2,5	5520 Shell	Gray/ Yellow	18	Blue/ Orange	17			Brn/Green	19		
Lincoln	Navigator W/Navigation	2003-06	Auto-Detect	5	Ford 17 Pin	Light Blue/ Red	11								
Lincoln	Navigator Swc	2003-06	Auto-Detect	5	5520 Shell	Light Blue/ Red	18								
Lincoln	Navigator Swc	1999-2003 (Early)	Auto-Detect	5	5700 Shell	Light Blue/ Red	14								

MAKE	MODEL	FROM	ACTION REQUIRED FOR THE AUTO-DETECT TO BE SUCESSFUL	PIN MBER(S) USED ON THE ASWC	STEERING WHEEL CONTROL CONNECTOR	VEHICLES 1ST SWC WIRE COLOR	1st SWC WIRE PIN #	VEHICLES 2ND SWC WIRE COLOR	2nd SWC WIRE PIN #	VEHICLES 3rd SWC WIRE COLOR	3rd SWC WIRE PIN #	VEHICLES REFERENCE Gnd WIRE COLOR (CONNECT TO Gnd)	REFERENCE Gnd PIN #	VEHICLES REFERENCE VOLTAGE WIRE COLOR (CONNECT TO 12 VOLT ACCESSORY)	REFERENCE VOLTAGE PIN #
Lincoln	Town Car	2006-11	Auto-Detect	5	5520 Shell	Light Blue/ Red	18								
Lincoln	Town Car	2003-05	Auto-Detect	5	5520 Shell	Light Blue/ Red	18					Blue/White	19		
Lincoln	Town Car	1998-02	Auto-Detect	5	5700 Shell	Light Blue/ Red	14								
Lincoln	Zephyr	2006	Auto-Detect	2	5520 Shell	Gray/ Yellow	18					Blue/White	19		
Mazda	2	2011	Auto-Detect	2	7903 Shell	Red/Blk	1N					Green/ White	1P		
Mazda	3	2010	Auto-Detect	2	7903 Shell	Red	1N					Violet	1P		
Mazda	3	2004-09	Auto-Detect	2	7903 Shell	White/Blk	1N					Brn/Yellow	1P		
Mazda	5 With Or Without Nav	2010	Auto-Detect	2	7903 Shell	Red/Blk	1N					Green/ White	1P		
Mazda	5 With Or Without Nav	2006-09	Auto-Detect	2	7903 Shell	Red/Blk	1N					Brn/Yellow	1P		
Mazda	6	2009-10	Auto-Detect	2	7903 Shell	White/Blk	1N					Brn/Yellow	1P		
Mazda	6	2003-08	Auto-Detect	2	7903 Shell	Red/Blk	1N					Green/ White	1P		
Mazda	CX7	2007-10	Auto-Detect	2	7903 Shell	White/Blk	1N					Brn/Yellow	1P		
Mazda	CX9	2007-11	Auto-Detect	2	7903 Shell	Gray/Blk	1N					Green/ White	1P		
Mazda	Miata (Mx-5)	2006-10	Auto-Detect	2	7903 Shell	Blue/Blk	1N					Green/ White	1P		
Mazda	Mpv Van	2002-06	Auto-Detect	2	7903 Shell	Gray/Blk	1N					White/ Green	1P		
Mazda	RX8	2004-09	Auto-Detect	2	7903 Shell	Red/Blk	1N					Green/ White	1P		
Mazda	Tribute	2008-10	Auto-Detect	2	5520 Shell	Gray/ Yellow	18					Blue/White	19		
Mercedes	C Class	2008-10	Tap Vol Up Continually	1,7	9003 Shell	Brn/Red	11	Brn	9						
Mercedes	C-230 (All C Class W203 Designation)	2005-07	Tap Vol Up Continually	1,7	9003 Shell	Brn/Red	11	Brn	9						
Mercedes	C-230 (All C Class W203 Designation)	2001-04	Tap Vol Up Continually	1,7	1785 Shell	Brn/Red	1	Brn	2						
Mercedes	CL Class	2001-06	Tap Vol Up Continually	1,7	1785 Shell	Brn/Red	1	Brn	2						
Mercedes	CLK (All Clk Class W208 Series)	2000-03	Tap Vol Up Continually	1,7	1785 Shell	Blk/White	1	Blk	2						

MAKE	MODEL	FROM	ACTION REQUIRED FOR THE AUTO-DETECT TO BE SUCESSFUL	PIN MBER(S) USED ON THE ASWC	STEERING WHEEL CONTROL CONNECTOR	VEHICLES 1ST SWC WIRE COLOR	1st SWC WIRE PIN #	VEHICLES 2ND SWC WIRE COLOR	2nd SWC WIRE PIN #	VEHICLES 3rd SWC WIRE COLOR	3rd SWC WIRE PIN #	VEHICLES REFERENCE Gnd WIRE COLOR (CONNECT TO Gnd)	REFERENCE Gnd PIN #	VEHICLES REFERENCE VOLTAGE WIRE COLOR (CONNECT TO 12 VOLT ACCESSORY)	REFERENCE VOLTAGE PIN #
Mercedes	CLK 350 (All Clk Class W209)	2005-08	Tap Vol Up Continually	1,7	9003 Shell	Brn/Red	11	Brn	9						
Mercedes	CLK 320 (All Clk Class W209 Series)	2003-04	Tap Vol Up Continually	1,7	1785 Shell	Brn/Red	1	Brn	2						
Mercedes	E Class	2003-07	Tap Vol Up Continually	1,7	This Is Can High At Radio On Some Models, At Rear Tuner Pin 2 On All Others	Brn/Red	1	Brn	2						
Mercedes	E Class	2000-02	Tap Vol Up Continually	1,7	1785 Shell	Brn/Red	1	Brn	2						
Mercedes	G Class	2008-10	Tap Vol Up Continually	1,7	9003 Shell	Brn/Red	11	Brn	9						
Mercedes	GL	2007-08	Tap Vol Up Continually	1,7	9003 Shell	Brn/Red	11	Brn	9						
Mercedes	ML Class	2006-08	Tap Vol Up Continually	1,7	1787 Shell	Brn/Red	11	Brn	9						
Mercedes	R Class	2006-08	Tap Vol Up Continually	1,7	9003 Shell	Brn/Red	11	Brn	9						
Mercedes	S Class	2007-08	Tap Vol Up Continually	1,7	This Is Can High	Blk/White	3	Blk	13						
Mercedes	S Class	2004-06	Tap Vol Up Continually	1,7	This Is Can High At The Tuner In The Left Rear Quarter Panel	Brn/Red	2	Brn	4						
Mercedes	S Class	2003	Tap Vol Up Continually	1,7	This Is Can High	Blk/White	18	Blk	17						
Mercedes	S Class	2002	Tap Vol Up Continually	1,7	1785 Shell	Brn/Red	1	Brn	2						
Mercedes	S Class	2001	Tap Vol Up Continually	1,7	1785 Shell	Green	1	White	2						
Mercedes	SL Class	2005-08	Tap Vol Up Continually	1,7	This Is Can High At The Tuner Behind The Trim By The Left Rear Seat	Brn/Red	2	Brn	4						
Mercedes	SL Class	2003-04	Tap Vol Up Continually	1,7	This Is Can High	Brn/Red	9	Brn	8						
Mercedes	SLK W/Hi-Fi Systwm	2005-08	Tap Vol Up Continually	1,7	This Is Can High	Brn/Red	2	Brn	4						
Mercedes	SLK W/Std Audio	2005-08	Tap Vol Up Continually	1,7	9003 Shell	Brn/Red	11	Brn	9						
Mercury	Grand Marquis	2003-10	Auto-Detect	5	5520 Shell	Light Blue/ Red	18								

MAKE	MODEL	FROM	ACTION REQUIRED FOR THE AUTO-DETECT TO BE SUCESSFUL	PIN MBER(S) USED ON THE ASWC	STEERING WHEEL CONTROL CONNECTOR	VEHICLES 1ST SWC WIRE COLOR	1st SWC WIRE PIN #	VEHICLES 2ND SWC WIRE COLOR	2nd SWC WIRE PIN #	VEHICLES 3rd SWC WIRE COLOR	3rd SWC WIRE PIN #	VEHICLES REFERENCE Gnd WIRE COLOR (CONNECT TO Gnd)	REFERENCE Gnd PIN #	VEHICLES REFERENCE VOLTAGE WIRE COLOR (CONNECT TO 12 VOLT ACCESSORY)	REFERENCE VOLTAGE PIN #
Mercury	Grand Marquis	1998-02	Auto-Detect	5	5700 Shell (20 Pin)	Light Blue/ Red	14								
Mercury	Marauder	2003-04	Auto-Detect	5	5520 Shell	Light Blue/ Red	18								
Mercury	Mariner	2008-11	Auto-Detect	2	5520 Shell	Gray/ Yellow	18					Blue/White	19		
Mercury	Milan	2006-10	Auto-Detect	2	5520 Shell	Gray/ Yellow	18					Blue/White	19		
Mercury	Montego	2005-07	Auto-Detect	2	5520 Shell	Light Blue/ Red	18								
Mercury	Monterrey	2004-07	Auto-Detect	2	5520 Shell	Light Blue/ Red	18								
Mercury	Mountaineer	2006-10	Auto-Detect	2	5520 Shell	Gray/ Yellow	18					Blue/White	19		
Mercury	Mountaineer W/ Audio-phile Soundsystem	2004-05	Auto-Detect	5	5520 Shell	Yellow	18								
Mercury	Mountaineer	2002-05	Auto-Detect	5	5700 Shell (20 Pin)	Yellow	14								
Mercury	Mountaineer	1998-01	Auto-Detect	5	5700 Shell (20 Pin)	Light Blue/ Red	14								
Mercury	Sable	2008	Auto-Detect	2	5520 Shell	Gray/ Yellow	18					White/Brn	19		
Mercury	Villager	1999-02	Auto-Detect	5	5700 Shell (20 Pin)	White/Blk	14					White/Red	15		
Mini	Cooper	2007-08	Tap Vol Up Continually	1,7	9003 Shell	Orange/ Green	11	Green	9						
Mitsubishi	Eclipse	2006-11	Auto-Detect	4	Mitsubishi 22 Pin	Green/ Orange	11					Green/Blk	22		
Mitsubishi	Eclipse	2002-05	Auto-Detect	4	Mitsubishi 8 Pin	Green/ Orange	8					Green/Blk	4		
Mitsubishi	Endevour	2007-10	Auto-Detect	4	Mitsubishi 22 Pin	Green/ Orange	11					Green/Blk	10		
Mitsubishi	Endevour	2004-06	Auto-Detect	4	Mitsubishi 10 Pin	Green/ Orange	5					Green/Blk	10		
Mitsubishi	Galant	2007-10	Auto-Detect	4	Mitsubishi 22 Pin	Green/ Orange	11					Green/Blk	10		
Mitsubishi	Galant	2004-06	Auto-Detect	4	Mitsubishi 10 Pin	Green/ Orange	5					Green/Blk	10		
Mitsubishi	Lancer	2008-10	Auto-Detect	8	Mitsubishi 20 Pin	Blk	19					Blue	9		
Mitsubishi	Outlander	2007-11	Auto-Detect	8	Mitsubishi 20 Pin	Blk	19								

MAKE	MODEL	FROM	ACTION REQUIRED FOR THE AUTO-DETECT TO BE SUCESSFUL	PIN MBER(S) USED ON THE ASWC	STEERING WHEEL CONTROL CONNECTOR	VEHICLES 1ST SWC WIRE COLOR	1st SWC WIRE PIN #	VEHICLES 2ND SWC WIRE COLOR	2nd SWC WIRE PIN #	VEHICLES 3rd SWC WIRE COLOR	3rd SWC WIRE PIN #	VEHICLES REFERENCE Gnd WIRE COLOR (CONNECT TO Gnd)	REFERENCE Gnd PIN #	VEHICLES REFERENCE VOLTAGE WIRE COLOR (CONNECT TO 12 VOLT ACCESSORY)	REFERENCE VOLTAGE PIN #
Mitsubishi	Raider	2008-09	Tap Vol Up Continually	1,7	6522 Shell	White/ Orange	13	White	2						
Mitsubishi	Raider	2005-07	Tap Vol Up Continually	1,7	6502 Shell	White/ Orange	5	White	6						
Nissan	350Z Bose	2006-08	Hold Vol Up	5,2	Nissan 16 Pin(2)	Red/Green	4	Orange	13			Yellow/ Green Or Gray	11		
Nissan	350Z Base	2006-08	Hold Vol Up	5,2	Nissan 8 Pin	Red/Green	7	Orange	2			Yellow/ Green	8		
Nissan	370Z Nav And Bose Models	2009-11	Hold Vol Up	5,11	7552 Shell	Gray	6	White	16			Blk	15		
Nissan	370Z Base	2009-11	Hold Vol Up	5,11	7552 Shell	Dk Blue	6	Red	16			Blk	15		
Nissan	Altima With Base And Bose Audio, No Nav	2007-11	Hold Vol Up	5,2	7552 Shell	White/ Green	6	Gray/Blue	16			Blue/Blk	15		
Nissan	Altima With Bose Navigation Radio	2007-09	Hold Vol Up	5,11	Nissan 40 Pin	White/ Green	25	Gray/Blue	27			Blue/Blk	15		
Nissan	Altima	2005-06	Hold Vol Up	5,2	Nissan 16 Pin(1)	Red/White	10	Green	1			Blue	9		
Nissan	Altima	1998-04	Hold Vol Up	5,2	Nissan 16 Pin(2)	Red/White	4	Green	13			Blue	11		
Nissan	Armada	2008-10	Hold Vol Up	5,2	7552 Shell	Yellow	6	Brn On Base Audio(Brn On Nav Radio In 09 We Tested), Green On Navigation Radio	16			Shield/ Bare Wire	15		
Nissan	Armada	2004-07	Hold Vol Up	5,2	24 Pin A/V Harness	Red	12	Green	13			Blue	14		
Nissan	Cube	2009-10	Hold Vol Up	5,11	7552 Shell	White/Blue	6	Gray/Red	16			Blue/ Green	15		
Nissan	Frontier	2009-10	Hold Vol Up	5,2	Nissan 16 Pin(1)	Violet	4	Lt. Green	12			Orange	3		
Nissan	Frontier	2005-08	Hold Vol Up	5,2	Nissan 16 Pin(1)	Red	4	Gray	12			Blue	3		
Nissan	Frontier	2002-04	Hold Vol Up	5,2 To Ground	Nissan 16 Pin(2)	Yellow/Red	13					Yellow/Blk	12		
Nissan	Frontier	2001	Hold Vol Up	5, Ground Pins 2 And 4	Nissan 16 Pin(2)	Yellow/Red	13					Yellow/Blk	12		
Nissan	Juke	2011	Hold Vol Up	5,11	7552 Shell	White	6	Light Green	16			Pink	15		
Nissan	Maxima	2009-11	Hold Vol Up	5,11	7552 Shell	White/ Green	6	Gray/Blue	16			Yellow/Blk	15		

MAKE	MODEL	FROM	ACTION REQUIRED FOR THE AUTO-DETECT TO BE SUCESSFUL	PIN MBER(S) USED ON THE ASWC	STEERING WHEEL CONTROL CONNECTOR	VEHICLES 1ST SWC WIRE COLOR
Nissan	Maxima Std Audio	2007-08	Hold Vol Up	5,2	7552 Shell	White/Red
Nissan	Maxima Bose	2007-08	Hold Vol Up	5,2	7552 Shell	White/Red
Nissan	Maxima Navigation	2007-08	Hold Vol Up	5,2	Nissan 16 Pin(1)	White/Red
Nissan	Maxima	2004-06	Hold Vol Up	5,2	Nissan 16 Pin(1)	Red/White
Nissan	Maxima	2002-03	Hold Vol Up	5,2	Nissan 16 Pin(2)	Red
Nissan	Maxima Base	2001	Hold Vol Up	5,2	Nissan 16 Pin(2)	Red
Nissan	Maxima Bose	2001	Hold Vol Up	2,4,5, 8,11	Green/Blk Pin 6; Yellow/Red Pin 5	Red
Nissan	Murano Base And Bose	2009-10	Hold Vol Up	5,11	7552 Shell	Brn
Nissan	Murano	2003-07	Hold Vol Up	5,2	Nissan 16 Pin(1)	Red
Nissan	Pathfinder	2009-10	Hold Vol Up	5,2	7552 Shell	Yellow
Nissan	Pathfinder	2008	Hold Vol Up	5,2	7552 Shell	Yellow
Nissan	Pathfinder	2007	Hold Vol Up	5,2	Nissan 16 Pin(1)	Red
Nissan	Pathfinder Navigation Radio	2005-07	Hold Vol Up	5,2	Nissan 16 Pin(1)	Red
Nissan	Pathfinder	2005-06	Hold Vol Up	5,2	Nissan 16 Pin(1)	Red
Nissan	Pathfinder	2002-04	Hold Vol Up	5,2	Nissan 16 Pin(2)	Blue/Yellow
Nissan	Pathfinder	2001	Hold Vol Up	2,4,5,8,11; Put 1K Ohm Resistor On Pin 5 (Only If Steering Wheel Has 6Six Buttons)	Nissan 16 Pin(2)	Green/Blk
Nissan	Quest With Single Color Display	2004-08	Hold Vol Up	5,2	Nissan 16 Pin(1)	Red
Nissan	Quest With Multi Color Display	2004-08	Hold Vol Up	5,2	Nissan 16 Pin(1)	Violet
Nissan	Quest	2001-02	Auto-Detect	5	5700 Shell (20 Pin)	White/Blk
Nissan	Quest	1999-00	Auto-Detect	5	5700 Shell (20 Pin)	White/Blk
Nissan	Quest	1996-98	Hold Vol Up	5,2	Nissan 2 Pin	White/Blk
Nissan	Rouge	2008-11	Hold Vol Up	5,2	7552 Shell	White

1st SWC WIRE PIN #	VEHICLES 2ND SWC WIRE COLOR	2nd SWC WIRE PIN #	VEHICLES 3rd SWC WIRE COLOR	3rd SWC WIRE PIN #	VEHICLES REFERENCE Gnd WIRE COLOR (CONNECT TO Gnd)	REFERENCE Gnd PIN #	VEHICLES REFERENCE VOLTAGE WIRE COLOR (CONNECT TO 12 VOLT ACCESSORY)	REFERENCE VOLTAGE PIN #
6	Green	16			Blk/Red	15		
6	Green/ Red	16			Red/Blk	15		
3	Green/ Red	10			Red/Blk	2		
3	Green	10			Blk/Red	2		
4	Blue/ Yellow	13			Brn/White	11		
4	Blue/Yellow	13			Brn/White	11		
4	Blue/Yellow	13			Brn/White	11		
6	Green	16			Blue	15		
3	Green	10			Blk/White	2		
6	Green	16			Blue	15		
6	Brn	16			Shield/ Bare Wire	15		
4	Gray	12			Blue	3		
3	Gray	10			Blue	2		
10	Gray	1			Blue	9		
13	Red	4			Brn/White	11		
6	Yellow/ Red	5	Blue/ Yellow	13				
3	Green	10			Blk/Yellow	2		
3	Green/ Orange	10			Red/Blk	2		
14					White/Red	15		
14								
1	White/Red	2						
6	Orange	16			Gray	15		

MAKE	MODEL	FROM	ACTION REQUIRED FOR THE AUTO-DETECT TO BE SUCESSFUL	PIN MBER(S) USED ON THE ASWC	STEERING WHEEL CONTROL CONNECTOR	VEHICLES 1ST SWC WIRE COLOR
Nissan	Sentra	2007-10	Hold Vol Up	5,2	7552 Shell	Pink
Nissan	Titan Base	2011	Hold Vol Up	5,2	Nissan 16 Pin(1)	Violet
Nissan	Titan	2009-10	Hold Vol Up	5,2	24 Pin A/V Harness	Violet
Nissan	Titan	2004-08	Hold Vol Up	5,2	24 Pin A/V Harness	Red
Nissan	Versa	2007-10	Hold Vol Up	5,2	7552 Shell	Blue
Nissan	Xterra W/ Bluetooth	2008-10	Hold Vol Up	5,2	Nissan 16 Pin(1)	Violet
Nissan	Xterra	2007-08	Hold Vol Up	5,2	Nissan 16 Pin(1)	Red
Nissan	Xterra	2005-06	Hold Vol Up	5,2	Nissan 16 Pin(1)	Red
Nissan	Xterra	2002-04	Hold Vol Up	5,2 To Ground	Nissan 16 Pin(2)	Yellow/Red
Nissan	Xterra	2001	Hold Vol Up	5,2 To Ground	Nissan 16 Pin(2)	Yellow/Red
Oldsmobile	Alero	2001-04	Hold Vol Up	3	2003 Shell	Light Green
Oldsmobile	Alero	1999-00	Hold Vol Up	3	Connector Not Available	Light Green
Oldsmobile	Aurora	2001-03	Tap Vol Up Continually	1	Dock-N-Lock	Violet
Oldsmobile	Aurora	1995-99	Hold Vol Up	3 & Tie Pin #5 To Gnd	2001 Shell	Light Green
Oldsmobile	Bravada	2002-04	Tap Vol Up Continually	1	2003 Shell	Orange
Oldsmobile	Bravada	1999-01	Hold Vol Up	3	2001 Shell	Dark Blue
Oldsmobile	Cutlass Supreme	1994	Hold Vol Up	3	Gm 7 Pin Shell	Dark Blue
Oldsmobile	Eighty-Eight	1994-99	Hold Vol Up	3 & Tie Pin #5 To Gnd	2001 Shell	Light Green
Oldsmobile	Intrigue	2002	Hold Vol Up	3	2003 Shell	Dark Blue
Oldsmobile	Intrigue	1998-01	Hold Vol Up	3	2001 Shell	Dark Blue
Oldsmobile	Ninety-Eight	1994-96	Hold Vol Up	3 & Tie Pin #5 To Gnd	2001 Shell	Light Green
Oldsmobile	Silhouette	2000-04	Hold Vol Up	3	2003 Shell	Dark Blue
Oldsmobile	Silhouette	1997-99	Hold Vol Up	3	1858 Shell	Dark Blue

1st SWC WIRE PIN #	VEHICLES 2ND SWC WIRE COLOR	2nd SWC WIRE PIN #	VEHICLES 3rd SWC WIRE COLOR	3rd SWC WIRE PIN #	VEHICLES REFERENCE Gnd WIRE COLOR (CONNECT TO Gnd)	REFERENCE Gnd PIN #	VEHICLES REFERENCE VOLTAGE WIRE COLOR (CONNECT TO 12 VOLT ACCESSORY)	REFERENCE VOLTAGE PIN #
6	Blue	16			Lt.Green	15		
3	Green/ Orange	10			Red/Blk	2		
12	Green/ Orange	13			Red/Blk	14		
12	Green	13			Blue	14		
6	Pink	16			Blk	14		
4	Lt. Green	12			Orange	3		
4	Gray	12			Blue	3		
10	Gray	1			Blue	9		
13					Yellow/Blk	12		
13					Yellow/Blk	12		
A7							Pink	A6
14								
A1								
E5								
A1								
E6								
6								
E5								
A7							Violet	A6
E6								
E5								
A7							Pink	A6
14								

MAKE	MODEL	FROM	ACTION REQUIRED FOR THE AUTO-DETECT TO BE SUCESSFUL	PIN MBER(S) USED ON THE ASWC	STEERING WHEEL CONTROL CONNECTOR	VEHICLES 1ST SWC WIRE COLOR	1st SWC WIRE PIN #	VEHICLES 2ND SWC WIRE COLOR	2nd SWC WIRE PIN #	VEHICLES 3rd SWC WIRE COLOR	3rd SWC WIRE PIN #	VEHICLES REFERENCE Gnd WIRE COLOR (CONNECT TO Gnd)	REFERENCE Gnd PIN #	VEHICLES REFERENCE VOLTAGE WIRE COLOR (CONNECT TO 12 VOLT ACCESSORY)	REFERENCE VOLTAGE PIN #
Pontiac	Aztec	2001-05	Hold Vol Up	3	2003 Shell	Dark Blue	A7							Violet	A6
Pontiac	Bonneville	2000-05	Tap Vol Up Continually	1	Dock-N-Lock	Violet	A1								
Pontiac	Bonneville	1998-99	Hold Vol Up	3 & Tie Pin #2 And 4 To Ground	1858 Shell	Light Green	14								
Pontiac	Bonneville	1995-97	Hold Vol Up	3	1858 Shell	Light Green	13								
Pontiac	Firebird / Trans Am	1995-02	Hold Vol Up	3	1858 Shell	Dark Blue	14								
Pontiac	G5	2007-09	Hold Vol Up	3 & Tie Pin #2 To Ground	Gmlan 14 & 16	Dark Blue	11							White/Blk	14
Pontiac	G6	2009-10	Hold Vol Up	3 & Tie Pin #2 To Ground	Gmlan 14 & 16	Dark Blue	11							White/Blk	14
Pontiac	G6	2005-08	Hold Vol Up	3 & Tie Pin #2 To Ground	2103 Shell	Dark Blue	A9							White/Blk	A10
Pontiac	Grand Am	2001-05	Hold Vol Up	3	2003 Shell	Light Green	A7							Pink	A6
Pontiac	Grand Am	1996-00	Hold Vol Up	3	1858 Shell	Light Green	14								
Pontiac	Grand Prix	2004-08	Hold Vol Up	3	2003 Shell	Dark Blue	A7							Violet	A6
Pontiac	Grand Prix	1997-03	Hold Vol Up	3	1858 Shell	Dark Blue	14								
Pontiac	Grand Prix	1994-96	Hold Vol Up	3 & Tie Pin #2 To Ground	1858 Shell	Light Green	14								
Pontiac	GTO	2004-06	Auto-Detect	Pin 2, And 5 To Ground	1787 Shell	Brn	C11					Blk/Yellow	C12		
Pontiac	Montana SV6	2006-08	Hold Vol Up	3	2003 Shell	Dark Blue	A7							Violet	A6
Pontiac	Montana	2000-05	Hold Vol Up	3	2003 Shell	Dark Blue	A7							Pink	A6
Pontiac	Montana	1999	Hold Vol Up	3	1858 Shell	Dark Blue	14							Pink	A6
Pontiac	Solstice	2006-09	Hold Vol Up	3 & Tie Pin #2 To Ground	Gmlan 14 & 16	Dark Blue	11							White/Blk	14
Pontiac	Sunfire	2000-05	Tap Vol Up Continually	1	2003 Shell	Violet	A1								

MAKE	MODEL	FROM	ACTION REQUIRED FOR THE AUTO-DETECT TO BE SUCESSFUL	PIN MBER(S) USED ON THE ASWC	STEERING WHEEL CONTROL CONNECTOR	VEHICLES 1ST SWC WIRE COLOR	1st SWC WIRE PIN #	VEHICLES 2ND SWC WIRE COLOR	2nd SWC WIRE PIN #	VEHICLES 3rd SWC WIRE COLOR	3rd SWC WIRE PIN #	VEHICLES REFERENCE Gnd WIRE COLOR (CONNECT TO Gnd)	REFERENCE Gnd PIN #	VEHICLES REFERENCE VOLTAGE WIRE COLOR (CONNECT TO 12 VOLT ACCESSORY)	REFERENCE VOLTAGE PIN #
Pontiac	Sunfire	1999	Hold Vol Up	3	Mercedes 8 Pin	Light Green	C								
Pontiac	Sunfire	1996-98	Hold Vol Up	3	1858 Shell	Light Green	14								
Pontiac	Torrent	2007-08	Tap Vol Up Continually	1	Gmlan 14 Shell	Dark Green	13								
Pontiac	Torrent	2006	Hold Vol Up	3 & Tie Pin #2 To Ground	2103 Shell	Dark Blue	A9							White/Blk	A10
Pontiac	Transport	1997-98	Hold Vol Up	3	1858 Shell	Dark Blue	14					Lt. Blue	10		
Pontiac	Vibe	2009-10	Auto-Detect	4,8	Gmlan 14 Shell	Beige	4	Pink	3						
Porsche	911 (997 Type)	2005-07	Tap Vol Up Continually	1,7	1787 Shell	Yellow/Blue	C1	Blk/Blue	C2						
Porsche	911 (996 Type)	2003-05	Tap Vol Up Continually	1,7	1787 Shell	Yellow	C1	Blk	C2						
Porsche	Boxster/Cayman 987	2005-07	Tap Vol Up Continually	1,7	1787 Shell	Yellow/Blue	C1	Blk/Blue	C2						
Porsche	Boxster 986	2003-04	Tap Vol Up Continually	1,7	1787 Shell	Yellow	C1	Blk	C2						
Porsche	Cayenne	2004-10	Tap Vol Up Continually	1,7	1787 Shell	Orange/ Violet	C1	Orange/ Brn	C2						
Saab	9-7X	2005-07	Tap Vol Up Continually	1	2003 Shell	Orange	A1								
Saab	9-5	2006-08	Tap Vol Up Continually	1	Gmlan 14 Shell	Green	13								
Saab	9-5 (Gm Style Radio)	2005	Tap Vol Up Continually	1	Gmlan 14 Shell	Green	13								
Saturn	Astra	2008-09	Tap Vol Up Continually	1,7	According To Gm This May Be Also Green 9003 Shell	Brn/White	9	Brn	10						
Saturn	Aura	2007-09	Hold Vol Up	3 & Tie Pin #2 To Ground	Gmlan 14 & 16	Dark Blue	11							White/Blk	14
Saturn	Outlook	2007-09	Tap Vol Up Continually	1	Gmlan 14 Shell	Dark Green	13								
Saturn	Relay	2005-07	Hold Vol Up	3	2003 Shell	Dark Blue	A7							Violet	A6
Saturn	Sky	2007-09	Hold Vol Up	3 & Tie Pin #2 To Ground	Gmlan 14 & 16	Dark Blue	11							White/Blk	14

MAKE	MODEL	FROM	ACTION REQUIRED FOR THE AUTO-DETECT TO BE SUCESSFUL	PIN MBER(S) USED ON THE ASWC	STEERING WHEEL CONTROL CONNECTOR	VEHICLES 1ST SWC WIRE COLOR	1st SWC WIRE PIN #	VEHICLES 2ND SWC WIRE COLOR	2nd SWC WIRE PIN #	VEHICLES 3rd SWC WIRE COLOR	3rd SWC WIRE PIN #	VEHICLES REFERENCE Gnd WIRE COLOR (CONNECT TO Gnd)	REFERENCE Gnd PIN #	VEHICLES REFERENCE VOLTAGE WIRE COLOR (CONNECT TO 12 VOLT ACCESSORY)	REFERENCE VOLTAGE PIN #
Satum	Vue	2008-09	Tap Vol Up Continually	1	Gmlan 14 Shell	Dark Green	13								
Satum	Vue	2006-07	Hold Vol Up	3 & Tie Pin #2 To Ground	Gmlan 14 & 16	Dark Blue	11							White/Blk	14
Scion	TC	2006-11	Auto-Detect	4,8	8215 Shell	Purple	7	Green	8			Blue	6		
Scion	XA	2006	Auto-Detect	4,8	8215 Shell	Pink	7	Orange	8			Lt. Green	6		
Scion	XB	2008-11	Auto-Detect	4,8	8215 Shell	White	7	Red	8			Blk	6		
Scion	XB	2006-07	Auto-Detect	4,8	8215 Shell	Pink	7	Orange	8			Lt.Green	6		
Scion	XD	2009	Auto-Detect	4,8	8215 Shell	Pink	7	Beige	8			Lt. Green	6		
Scion	XD	2008	Auto-Detect	4,8	8215 Shell	Pink	7	Orange	8			Lt. Green	6		
Subaru	Forster W/ Nav	2009-10	Auto-Detect	5 & Tie Pin #2 To Gnd	Subaru 24 Way	Light Green/ Red	3					Yellow	14		
Subaru	Forster W/O Nav	2011	Auto-Detect	4,8	7552 Shell	Brn	4	Blue/White	11			Yellow	14		
Subaru	Forster W/O Nav	2009-10	Auto-Detect	5 & Tie Pin #2 To Gnd	7552 Shell	Light Green/ Red	4					Yellow	14		
Subaru	Impreza/WRX W/ Nav	2008-10	Auto-Detect	5 & Tie Pin #2 To Gnd	Subaru 24 Way	Brn	3					Yellow	15	White/Blck	14
Subaru	Impreza/WRX W/O Nav	2011	Auto-Detect	4,8	7552 Shell	Brn	4	Blue/White	11			Yellow	14		
Subaru	Impreza/WXR W/O Nav	2008-10	Auto-Detect	5 & Tie Pin #2 To Gnd	7552 Shell	Brn	4					Yellow	14	Violet	A6
Subaru	Legacy W/Nav	2009-10	Auto-Detect	5 & Tie Pin #2 To Gnd	Subaru 24 Way	Violet/ White	3					Yellow	14	White/Blck	14
Subaru	Legacy W/O Nav	2009-11	Auto-Detect	5, 11 & Tie Pin #2 To Gnd	7552 Shell	Violet/ White	4	Blue/White	11			Orange/ White	14		
Subaru	Legacy W/O Auto Climate Controls	2005-08	Auto-Detect	5 & Tie Pin #2 To Gnd	Subaru 8 Pin	Violet/ White	7					Orange/ White	3	White/Blck	14
Subaru	Outback W/O Nav	2009-11	Auto-Detect	5, 11 & Tie Pin #2 To Gnd	7552 Shell	Violet/ White	4	Blue/White	11			Orange/ White	14		
Subaru	Outback W/Nav	2009-10	Auto-Detect	5 & Tie Pin #2 To Gnd	Subaru 24 Way	Violet/ White	3					Orange/ White	7		

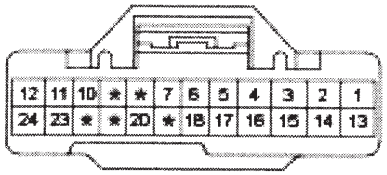
MAKE	MODEL	FROM	ACTION REQUIRED FOR THE AUTO-DETECT TO BE SUCESSFUL	PIN MBER(S) USED ON THE ASWC	STEERING WHEEL CONTROL CONNECTOR	VEHICLES 1ST SWC WIRE COLOR	1st SWC WIRE PIN #	VEHICLES 2ND SWC WIRE COLOR	2nd SWC WIRE PIN #	VEHICLES 3rd SWC WIRE COLOR	3rd SWC WIRE PIN #	VEHICLES REFERENCE Gnd WIRE COLOR (CONNECT TO Gnd)	REFERENCE Gnd PIN #	VEHICLES REFERENCE VOLTAGE WIRE COLOR (CONNECT TO 12 VOLT ACCESSORY)	REFERENCE VOLTAGE PIN #
Subaru	Outback	2005-08	Auto-Detect	5 & Tie Pin #2 To Gnd	Subaru 8 Pin	Orange/ White	7					Orange/ White	3		
Suzuki	Aerio	2006-07	Auto-Detect	8	1721 Shell	Violet	19					Blk	20		
Suzuki	Aerio	2005	Auto-Detect	4,8 & Tie Pin #2 To Ground	1721 Shell	Violet	19	Orange	18			Blk	20		
Suzuki	Forenza	2004-08	Hold Vol Up	4	8405 Shell	Blue	16					Blk/White	13		
Suzuki	Grand Vitara	2006-10	Auto-Detect	11	1721 Shell	Violet	19					Pink/Blk	20		
Suzuki	Grand Vitara	2003-05	Auto-Detect	4,8 & Tie Pin #2 To Ground	1721 Shell	Violet	19	Orange	18			Blk	20		
Suzuki	Kizashi	2011	Auto-Detect	11		Pink	19					Pink/Blk	20		
Suzuki	Reno	2005-08	Hold Vol Up	4	8405 Shell	Blue	16					Blk/White	13		
Suzuki	SX4	2007-10	Auto-Detect	11	1721 Shell	Green	19					Blk	20		
Suzuki	Vitara	2004	Hold Vol Up	4,8 & Tie Pin #2 To Ground	1721 Shell	Violet	19	Orange	18			Blk	20		
Suzuki	XL-7	2007-08	Tap Vol Up Continually	1	Gmlan 14 Shell	Dark Green	13								
Suzuki	XL-7	2006	Auto-Detect	8	1721 Shell	Violet	19					Blk	20		
Suzuki	XL-7	2003-05	Auto-Detect	4,8 & Tie Pin #2 To Ground	1721 Shell	Violet	19	Orange	18			Blk	20		
Toyota	4Runner	2010	Auto-Detect	4,8	8215 Shell	White	7	Red	8			Blue	6		
Toyota	4Runner	2003-09	Auto-Detect	4,8	8215 Shell	Violet/ White	7	Yellow/Blk	8			White/Red	6		
Toyota	Avalon	2009-11	Auto-Detect	4,8	8215 Shell	Beige	7	Violet	8			Blk	6		
Toyota	Avalon	2005-08	Auto-Detect	4,8	8215 Shell	Orange	7	Violet	8			Blk	6		
Toyota	Camry	2010-11	Auto-Detect	4,8	8215 Shell	Beige	7	Yellow	8			Pink	6		
Toyota	Camry	2007-09	Auto-Detect	4,8	8215 Shell	Orange	7	Yellow	8			Pink	6		
Toyota	Camry Tmc (Canada Made)	2005-06	Auto-Detect	4,8	8215 Shell	Yellow	7	Orange	8			Blk	6		
Toyota	Camry Made In Kentucky	2005-06	Auto-Detect	4,8	8215 Shell	Blue	7	Blk	8			Red	6		
Toyota	Corolla All Trims	2009-10	Auto-Detect	4,8	8215 Shell	Beige	7	Pink	8			Lt. Blue	6		

MAKE	MODEL	FROM	ACTION REQUIRED FOR THE AUTO-DETECT TO BE SUCESSFUL	PIN MBER(S) USED ON THE ASWC	STEERING WHEEL CONTROL CONNECTOR	VEHICLES 1ST SWC WIRE COLOR	1st SWC WIRE PIN #	VEHICLES 2ND SWC WIRE COLOR	2nd SWC WIRE PIN #	VEHICLES 3rd SWC WIRE COLOR	3rd SWC WIRE PIN #	VEHICLES REFERENCE Gnd WIRE COLOR (CONNECT TO Gnd)	REFERENCE Gnd PIN #	VEHICLES REFERENCE VOLTAGE WIRE COLOR (CONNECT TO 12 VOLT ACCESSORY)	REFERENCE VOLTAGE PIN #
Toyota	FJ Cruiser	2007-10	Auto-Detect	4,8	8215 Shell	Violet/ White	7	Yellow/Blk	8			White/Red	6		
Toyota	Highlander	2008-11	Auto-Detect	4,8	8215 Shell	Orange	7	Violet	8			White/Red	6		
Toyota	Highlander	2004-07	Auto-Detect	4,8	8215 Shell	Red	7	Light Green	8			Gray	6		
Toyota	Land Cruiser	2008-09	Auto-Detect	4,8	8215 Shell	Blue	7	Pink	8			White	6		
Toyota	Land Cruiser	2003-07	Auto-Detect	4,8	8215 Shell	White/Red	7	Blk/Red	8			Brn	6		
Toyota	Matrix Std And Amplified	2010	Auto-Detect	4,8	8215 Shell	Beige	7	Pink	8			Lt. Blue	6		
Toyota	Matrix Amplified Audio System	2009	Auto-Detect	4,8	8215 Shell	Orange	7	Pink	8			Lt. Blue	6		
Toyota	Matrix Standard Audio	2009	Auto-Detect	4,8	8215 Shell	Beige	7	Pink	8			Lt. Blue	6		
Toyota	Prius	2010	Auto-Detect	4,8	8215 Shell	Red	7	Green	8			Pink	6		
Toyota	Prius	2004-09	Auto-Detect	4,8	8215 Shell	Blk	7	White	8			Red	6		
Toyota	RAV4	2006-10	Auto-Detect	4,8	8215 Shell	White	7	Red	8			Blk	6		
Toyota	RAV4	2004-05	Auto-Detect	4,8	8215 Shell	Light Green	7	Blue	8			Yellow	6		
Toyota	Sequoia	2008-11	Auto-Detect	4,8	8215 Shell	Light Green	7	Gray	8			Brn	6		
Toyota	Sequoia	2003-07	Auto-Detect	4,8	8215 Shell	Light Green/ Red	7	Gray/Red	8			Brn/White	6		
Toyota	Sienna	2011	Auto-Detect	4,8	8215 Shell	Blk	7	Green	8			Blue	6		
Toyota	Sienna	2004-10	Auto-Detect	4,8	8215 Shell	Light Green	7	Blue	8			Yellow	6		
Toyota	Solara With Navigation	2007-08	Auto-Detect	4,8	8215 Shell	Pink/Blk	7	Pink/Blk	8			Yellow	6		
Toyota	Solara Coupe With Navigation	2004-06	Auto-Detect	4,8	8215 Shell	Light Green/Blk	7	Blue	8			Yellow	6		
Toyota	Solara Convertible With Navigation	2004-06	Auto-Detect	4,8	8215 Shell	Pink/Green	7	Pink/Blk	8			Pink/Blue	6		
Toyota	Solara Convertible (Both Standard And Amplified Audio Systems)	2004-08	Auto-Detect	4,8	8215 Shell	Pink/Green	7	Pink/Blk	8			Pink/Blue	6		
Toyota	Solara Coupe With Amplified	2007-08	Auto-Detect	4,8	8215 Shell	Pink/Green	7	Pink/Blk	8			Pink/Blue	6		
Toyota	Solara Coupe With Std Audio	2004-08	Auto-Detect	4,8	8215 Shell	Light Green/Blk	7	Blue	8			Yellow	6		
Toyota	Solara Coupe With Amplified	2004-06	Auto-Detect	4,8	8215 Shell	Light Green/Blk	7	Blue	8			Yellow	6		
Toyota	Solara	2004-05	Auto-Detect	4,8	8215 Shell	Light Green/Blk	7	Blue	8			Yellow	6		

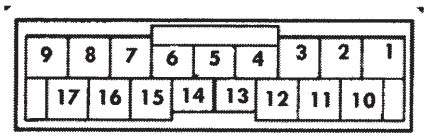
MAKE	MODEL	FROM	ACTION REQUIRED FOR THE AUTO-DETECT TO BE SUCESSFUL	PIN MBER(S) USED ON THE ASWC	STEERING WHEEL CONTROL CONNECTOR	VEHICLES 1ST SWC WIRE COLOR	1st SWC WIRE PIN #	VEHICLES 2ND SWC WIRE COLOR	2nd SWC WIRE PIN #	VEHICLES 3rd SWC WIRE COLOR	3rd SWC WIRE PIN #	VEHICLES REFERENCE Gnd WIRE COLOR (CONNECT TO Gnd)	REFERENCE Gnd PIN #	VEHICLES REFERENCE VOLTAGE WIRE COLOR (CONNECT TO 12 VOLT ACCESSORY)	REFERENCE VOLTAGE PIN #
Toyota	Tacoma	2005-11	Auto-Detect	4,8	8215 Shell	Violet/ White	7	Yellow/Blk	8			White/Red	6		
Toyota	Tundra	2007-10	Auto-Detect	4,8	8215 Shell	Light Green	7	Gray	8			Brn	6		
Toyota	Tundra	2004-06	Auto-Detect	4,8	8215 Shell	Light Green/ Red	7	Brn/White	8			Gray/Red	6		
Toyota	Tundra	2003	Auto-Detect	4,8	8215 Shell	Blue	7	Green/Blk	8			Red	6		
Toyota	Venza	2009-10	Auto-Detect	4,8	8215 Shell	Gray	7	Light Green	8			Red	6		
Volkswagen	CC	2010-11	Tap Vol Up Continually	1,7	9003 Shell	Orange/ Violet	9	Orange/ Brn	10						
Volkswagen	CC	2009	Tap Vol Up Continually	1,7	9003 Shell	Orange/ Violet	9	Orange/ Brn	10						
Volkswagen	EOS	2010	Tap Vol Up Continually	1,7	9003 Shell	Orange/ Violet	9	Orange/ Brn	10						
Volkswagen	EOS	2007-09	Tap Vol Up Continually	1,7	9003 Shell	Orange/ Violet	9	Orange/ Brn	10			Yellow	6		
Volkswagen	GTI	2010	Tap Vol Up Continually	1,7	9003 Shell	Orange/ Violet	9	Orange/ Brn	10			Pink/Blue	6		
Volkswagen	GTI	2008-09	Tap Vol Up Continually	1,7	9003 Shell	Orange/ Violet	9	Orange/ Brn	10			Pink/Blue	6		
Volkswagen	Golf	2010	Tap Vol Up Continually	1,7	9003 Shell	Orange/ Violet	9	Orange/ Brn	10			Pink/Blue	6		
Volkswagen	Golf (9003 Style Harness)	2002-06	Tap Vol Up Continually	1,7	9003 Shell	Orange/ Green	9	Orange/ Brn	10			Yellow	6		
Volkswagen	Jetta (9003 Shell)	2002-10	Tap Vol Up Continually	1,7	9003 Shell	Orange/ Green	9	Orange/ Brn	10			Yellow	6		
Volkswagen	Passat	2010	Tap Vol Up Continually	1,7	9003 Shell	Orange/ Violet	9	Orange/ Brn	10			Yellow	6		
Volkswagen	Passat	2008-09	Tap Vol Up Continually	1,7	9003 Shell	Orange/ Violet	9	Orange/ Brn	10			White/Red	6		
Volkswagen	Passat	2006-07	Tap Vol Up Continually	1,7	9003 Shell	Orange/ Violet	9	Orange/ Brn	10			Brn	6		
Volkswagen	Passat	2002-05	Tap Vol Up Continually	1,7	9003 Shell	Orange/ Violet	9	Orange/ Brn	10			Gray/Red	6		
Volkswagen	Passat (Single Din Radio)	2002	Tap Vol Up Continually	1,7	1787 Shell	Orange/ Violet	9	Orange/ Brn	10			Red	6		
Volkswagen	Passat	2001	Tap Vol Up Continually	1,7	1787 Shell	Orange/ Violet	9	Orange/ Brn	10			Red	6		
Volkswa-gen	Rabbit	2006-08	Tap Vol Up Continually	1,7	9003 Shell	Orange/ Violet	9	Orange/ Brn	10						

MAKE	MODEL	FROM	ACTION REQUIRED FOR THE AUTO-DETECT TO BE SUCESSFUL	PIN MBER(S) USED ON THE ASWC	STEERING WHEEL CONTROL CONNECTOR	VEHICLES 1ST SWC WIRE COLOR	1st SWC WIRE PIN #	VEHICLES 2ND SWC WIRE COLOR	2nd SWC WIRE PIN #	VEHICLES 3rd SWC WIRE COLOR	3rd SWC WIRE PIN #	VEHICLES REFERENCE Gnd WIRE COLOR (CONNECT TO Gnd)	REFERENCE Gnd PIN #	VEHICLES REFERENCE VOLTAGE WIRE COLOR (CONNECT TO 12 VOLT ACCESSORY)	REFERENCE VOLTAGE PIN #
Volkswa-gen	Tiguan	2008-10	Tap Vol Up Continually	1,7	9003 Shell	Orange/ Violet	9	Orange/ Brn	10						
Volkswa-gen	Touareg	2004-09	Tap Vol Up Continually	1,7	9003 Shell	Orange/ Violet	9	Orange/ Brn	10						
Volvo	C30	2007-08	Tap Vol Up Continually	1,7	Lin Data	White/Blue	A2								
Volvo	S40	2006-08	Tap Vol Up Continually	1,7	Lin Data	White/Blue	A2								
Volvo	S60	2006-09	Tap Vol Up Continually	1,7	This Is Can High	White	A7	Green	A8						
Volvo	S80	2007-08	Tap Vol Up Continually	1,7	Lin Data	Green/ Orange	Plug C1 Pin 6								
Volvo	S80	2006	Tap Vol Up Continually	1,7	This Is Can High	White	A7	Green	A8						
Volvo	V50	2006-08	Tap Vol Up Continually	1,7	Lin Data	White/Blue	A2								
Volvo	V70	2008	Tap Vol Up Continually	1,7	Lin Data	Green/ Orange	Plug C1 Pin 6								
Volvo	V70	2006-07	Tap Vol Up Continually	1,7	This Is Can High	White	A7	Green	A8						
Volvo	C70	2007-08	Tap Vol Up Continually	1,7	Lin Data	White/Blue	A2								
Volvo	XC70	2006-07	Tap Vol Up Continually	1,7	This Is Can High	White	A7	Green	A8						
Volvo	XC90	2006-07	Tap Vol Up Continually	1,7	This Is Can High	White	A7	Green	A8						

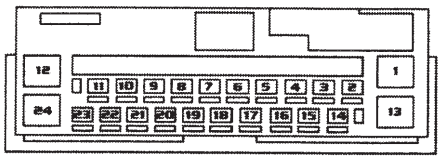
Connector Views



1004 Shell



17 Way Honda



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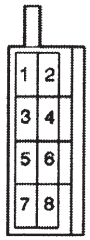
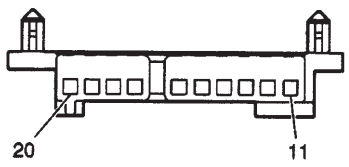
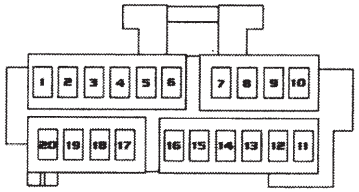


1784 Shell



1858 Shell



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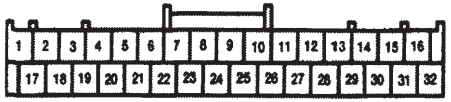
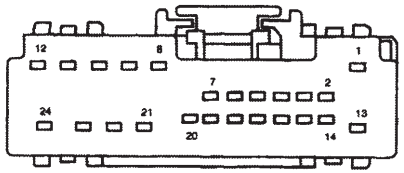
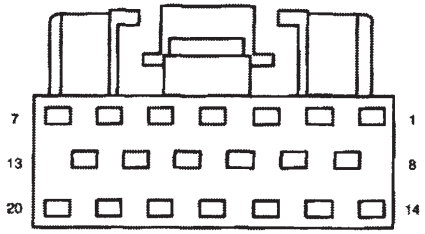


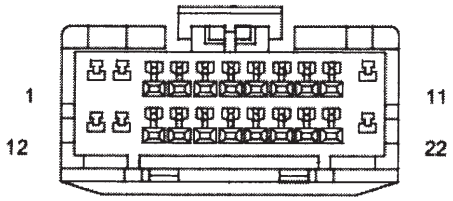
32 Way Honda



5520 Shell

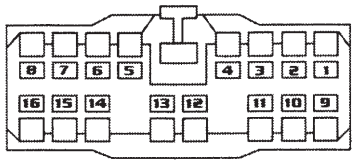


5700 Shell



6502 Shell

Connector Views



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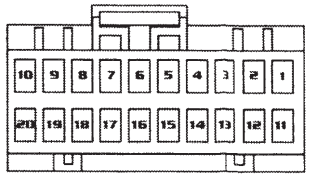

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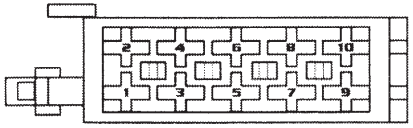

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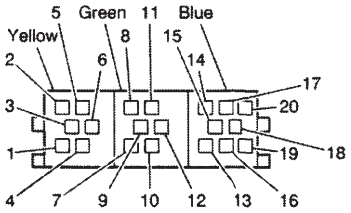
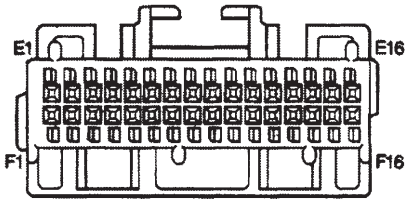
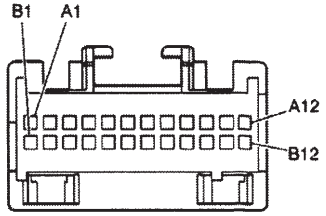


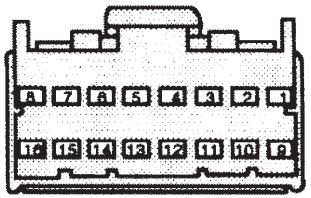
1787 Sub Plug



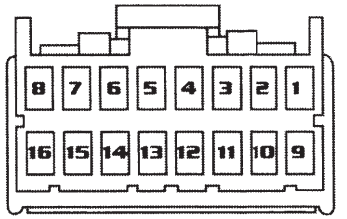
2001 Shell



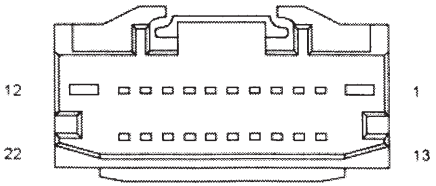
2003 Shell



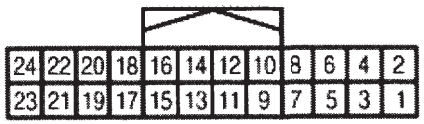
5600 Shell



5600

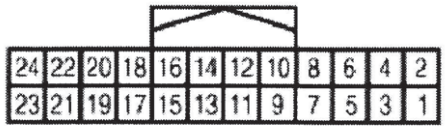


6522 Shell

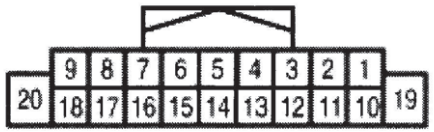


7551 A-V Plug

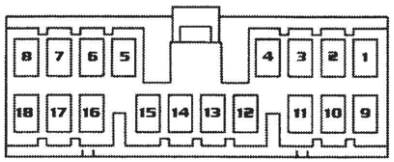
Connector Views



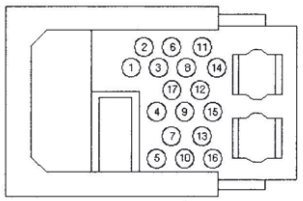
7552 24 Way



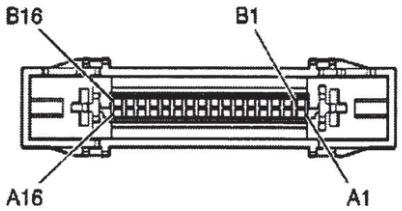
7552 Shell



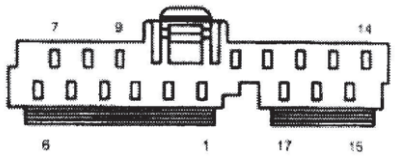
8405



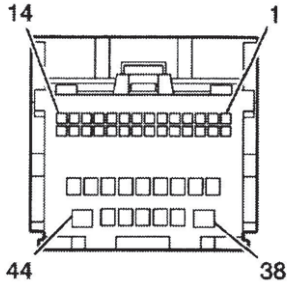
8590 Shell



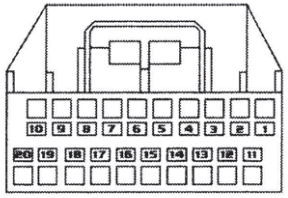
Doc-n-Lock Shell



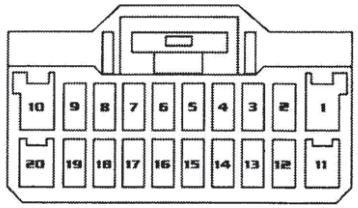
Ford 17 Pin



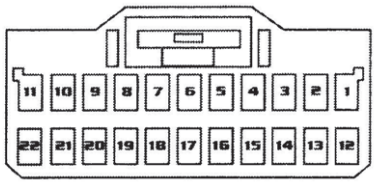
GMLAN 44 Pin



Honda 20 Way

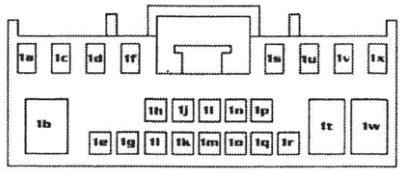


Mitsubishi 20 Way



Mitsubishi 22

Connector Views



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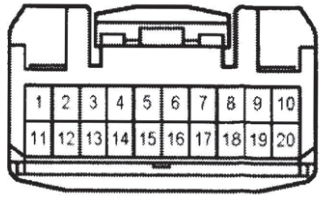
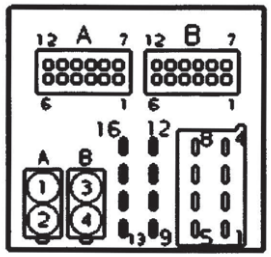
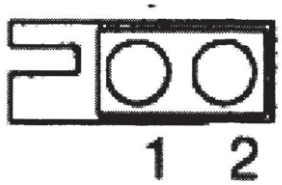


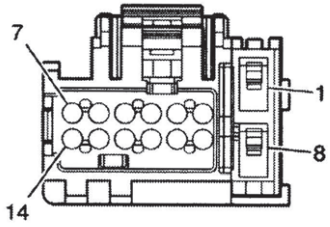
8215 Shell



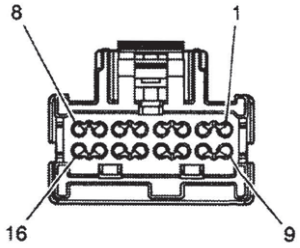
9003 Shell



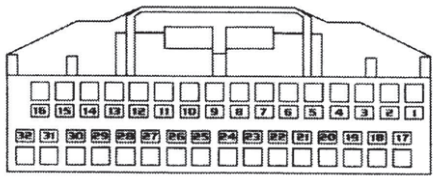
Chrysler 2 Pin



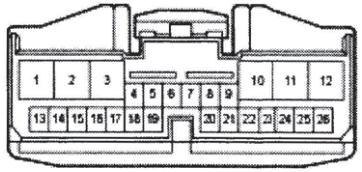
GMLAN 14 Pin



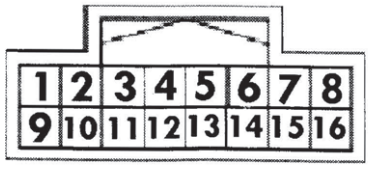
GMLAN 16 Pin



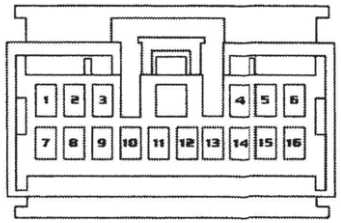
Honda 32 Way



Lexus 26 Pin



Nissan 16 Pin



Nissan 16

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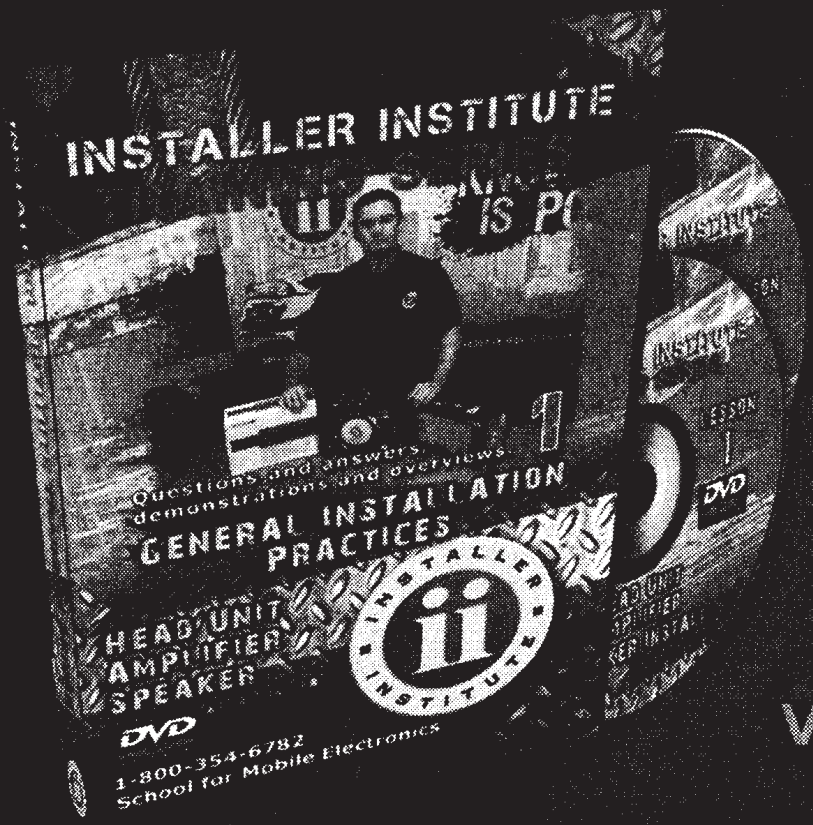

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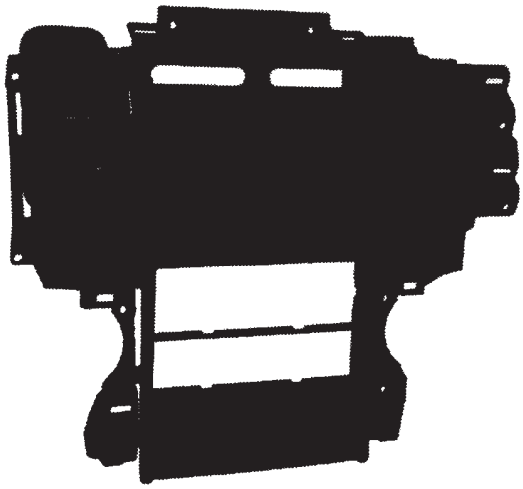
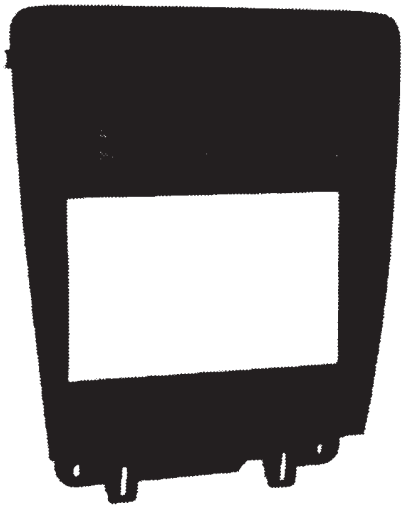


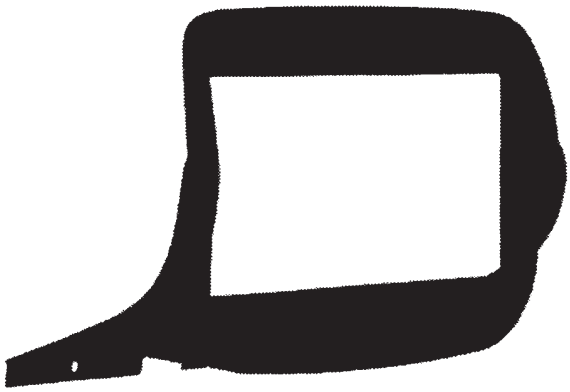
99-5721 Ford Taurus SE 2010
(All excluding NAV)

- Retains all factory climate control functions with soft touch buttons and LCD display
- Retains heated seats and compass if vehicle is so equipped
- LCD display to show status
- Painted charcoal to match the OEM finish



99-5823CH Ford Mustang 2010
(All excluding NAV)

- Retains all factory climate control functions with soft touch buttons and LCD display
- Retains heated seats and compass if vehicle is so equipped
- LCD display will also show SYNC text (with SYNC interface sold separately)
- Painted a scratch resistant charcoal to match the OEM finish



99-3010S Chevrolet Camaro 2010

- Designed with a factory look and painted silver to match the OEM finish
- The blue LED illuminated climate control display and soft touch buttons are designed to retain full functionality of the HVAC
- The kits control layout also retains heated seats, hazard lights, and lock and unlock controls
- Retains audio and OnStar functions
- All software if flash updatable

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What is the Brand and Model Number of your Aftermarket Radio? _____

_____

Was the Auto Detection ok? Was it necessary to program or remap the buttons? _____

_____

Did you encounter any problems? _____

_____

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_____

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